MathClassEx.docx. This corresponds to UTR #25 revision 13.
Last revised 2011-11-04
#

This file is a classification of characters based on their usage in
mathematical notation and providing a mapping to standard entity
sets commonly used for SGML and MathML documents.
#
While the contents of this file represent the best information
available to the authors and the Unicode Technical Committee as
of the date referenced above, it is likely that the information
in this file will change from time to time. Most importantly,
the mapping of characters to the ISO standard SGML entity sets
is under review by the relevant ISO committee and may therefore
change.
#
This file is *NOT* formally part of the Unicode Character
Database at this time. It is used to create the corresponding text
version MathClassEx.txt.
#
The file consists of 7 fields. The number and type of fields in
this file may change in future versions.
#
1: code point or range
#
2: class, one of:
#
#	N - Normal - includes all digits and symbols requiring only one form
#	A - Alphabetic
#	B - Binary
#	C - Closing - usually paired with opening delimiter
#	D - Diacritic
#	F - Fence - unpaired delimiter (often used as opening or closing)
#	G - Glyph_Part - piece of large operator
#	L - Large - n-ary or large operator, often takes limits
#	O - Opening - usually paired with closing delimiter
#	P - Punctuation
#	R - Relation - includes arrows
#	S - Space
#	U - Unary - operators that are only unary
#	V - Vary - operators that can be unary or binary depending on context
#	X - Special - characters not covered by other classes
#
C, O, and F operators are stretchy. In addition, some binary operators such
as 002F are stretchy as noted in the descriptive comments. The classes are
also useful in determining extra spacing around the operators as discussed
in UTR #25.
#
3: Unicode character (UTF-8)
#
4: entity name
#
5: ISO entity set
#
6: descriptive comments (of various types)

The descriptive comments provide more information about a character,
or its specific appearance. Some descriptions contain common macro
names (with slash) but in the majority of cases, the description is
simply the description of the entity in the published entity set, if
different from the formal Unicode character name. Minor differences
in word order, punctuation and verb forms have been ignored, but not
systematic differences in terminology, such as filled vs. black.
In principle this allows location of entities by their description.
#
7: Unicode ‘name’ (or name range), in all caps. Unicode ‘names’ and name ranges
are provided for ease of reference only. They are not normative and may not
always match the official character names.
#
Some character positions in the Mathematical Alphanumeric Symbols block are
reserved and have been mapped to the Letterlike Symbols block in Unicode.
This is indicated in 23 special purpose comments.
#
Updated to reflect character repertoire of Unicode 6.1. For more information
see revision 13 or later of UTR #25.
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code point	**class**	**char**	**entity name**	**entity set**	**note/ description**	**CHARACTER NAME**
0020	S					SPACE
0021	N	!	excl	ISONUM	Factorial spacing	EXCLAMATION MARK
0021	N	!	fact			FACTORIAL
0023	N	#	num	ISONUM		NUMBER SIGN
0024	N	$	dollar	ISONUM		DOLLAR SIGN
0025	N	%	percnt	ISONUM		PERCENT SIGN
0026	N	&	amp	ISONUM		AMPERSAND
0028	O	(	lpar	ISONUM		LEFT PARENTHESIS
0029	C	)	rpar	ISONUM		RIGHT PARENTHESIS
002A	N	*	ast	ISONUM	[high, not /ast]	ASTERISK
002B	V	+	plus			PLUS SIGN
002C	P	,	comma	ISONUM		COMMA
002D	N	-			(deprecated for math)	HYPHEN-MINUS
002E	P	.	period	ISONUM	period	FULL STOP
002F	B	/	sol	ISONUM	No extra spacing, stretchy	SOLIDUS
0030..0039	N	0..9				DIGIT 0..9
003A	P	:	colon	ISONUM		COLON

003B	P	;	semi	ISONUM		SEMICOLON
003C	R	<	lt	ISONUM		LESS-THAN SIGN
003D	R	=	equals	ISONUM		EQUALS SIGN
003E	R	>	gt	ISONUM		GREATER-THAN SIGN
003F	P	?	quest	ISONUM		QUESTION MARK
0040	N	@	commat	ISONUM		COMMERCIAL AT
0041..005A	A	A..Z				LATIN CAPITAL LETTER A..Z
005B	O	[	lsqb	ISONUM		LEFT SQUARE BRACKET
005C	B	\	bsol	ISONUM	No extra spacing, stretchy	REVERSE SOLIDUS
005D	C	]	rsqb	ISONUM		RIGHT SQUARE BRACKET
005E	N	^			TeX superscript operator	CIRCUMFLEX ACCENT
005F	N	_			TeX subscript operator	LOW LINE
0060	D	`	grave		Alias for 0300	GRAVE ACCENT
0061..007A	A	a..z				LATIN SMALL LETTER a..z
007B	O	{	lcub	ISONUM		LEFT CURLY BRACKET
007C	F	|	verbar	ISONUM		VERTICAL BAR
007D	C	}	rcub	ISONUM		RIGHT CURLY BRACKET
007E	N	~				TILDE
00A0	S		nbsp			NO-BREAK SPACE
00A1	P	¡	iexcl	ISONUM		INVERTED EXCLAMATION MARK
00A2	N	¢	cent	ISONUM		CENT SIGN
00A3	N	£	pound	ISONUM		POUND SIGN
00A4	N	¤	curren	ISONUM		CURRENCY SIGN
00A5	N	¥	yen	ISONUM		YEN SIGN
00A6	N	¦	brvbar	ISONUM	(vertical)	BROKEN BAR
00A7	N	§	sect	ISONUM		SECTION SIGN
00A8	D	¨	Dot		/die, Alias for 0308	DIAERESIS
00AC	U	¬	not	ISONUM	/neg /lnot	NOT SIGN

00AF	D	¯	macr		Alias for 0304	MACRON
00B0	N	°	deg	ISONUM		DEGREE SIGN
00B1	V	±	plusmn	ISONUM		PLUS-OR-MINUS SIGN
00B2	N	²	sup2	ISONUM		SUPERSCRIPT TWO
00B3	N	³	sup3	ISONUM		SUPERSCRIPT THREE
00B4	N	´	acute		Alias for 0301	ACUTE ACCENT
00B5	N	µ	micro	ISONUM		MICRO SIGN
00B6	N	¶	para	ISONUM	(paragraph sign)	PILCROW SIGN
00B7	B	·	middot	ISONUM	/centerdot	MIDDLE DOT
00B9	N	¹	sup1	ISONUM		SUPERSCRIPT ONE
00BC	N	¼	frac14	ISONUM		VULGAR FRACTION ONE QUARTER
00BD	N	½	frac12	ISONUM		VULGAR FRACTION ONE HALF
00BE	N	¾	frac34	ISONUM		VULGAR FRACTION THREE QUARTERS
00BF	P	¿	iquest	ISONUM		INVERTED QUESTION MARK
00D7	B	×	times	ISONUM		MULTIPLICATION SIGN
00F7	B	÷	divide	ISONUM		DIVISION SIGN
0131	A	ı	imath			LATIN SMALL LETTER DOTLESS I
0237	A	ȷ	jmath			LATIN SMALL LETTER DOTLESS J
02C6	D	ˆ	circ		Alias for 0302	MODIFIER LETTER CIRCUMFLEX ACCENT
02C7	D	ˇ	caron		Alias for 030C	CARON
02D8	D	˘	breve		Alias for 0306	BREVE
02D9	D	˙	dot		Alias for 0307	DOT ABOVE
02DA	D	˚	ring		Alias for 030A	RING ABOVE
02DC	D	˜	tilde		Alias for 0303	SMALL TILDE
0300	D	◌̀		ISODIA	MathML prefers 0060	COMBINING GRAVE ACCENT
0301	D	◌́		ISODIA	MathML prefers 00B4	COMBINING ACUTE ACCENT
0302	D	◌̂		ISODIA	MathML prefers 02C6	COMBINING CIRCUMFLEX ACCENT
0303	D	◌̃		ISODIA	MathML prefers 02DC	COMBINING TILDE
0304	D	◌̄		ISODIA	MathML prefers 00AF	COMBINING MACRON
0305	D	◌̅				COMBINING OVERLINE
0306	D	◌̆		ISODIA	MathML prefers	COMBINING BREVE

					02D8	
0307	D	◌̇		ISODIA	MathML prefers 02D9	COMBINING DOT ABOVE
0308	D	◌̈		ISODIA	MathML prefers 00A8	COMBINING DIAERESIS
030A	D	◌̊		ISODIA	MathML prefers 02DA	COMBINING RING ABOVE
030C	D	◌̌		ISODIA	MathML prefers 02C7	COMBINING CARON
0311	D	◌̑				COMBINING INVERTED BREVE
0323	D	◌̣				COMBINING DOT BELOW
032C	D	◌̬				COMBINING CARON BELOW
032D	D	◌̭				COMBINING CIRCUMFLEX ACCENT BELOW
032E	D	◌̮				COMBINING BREVE BELOW
032F	D	◌̯				COMBINING INVERTED BREVE BELOW
0330	D					COMBINING TILDE BELOW
0331	D	◌̱				COMBINING MACRON BELOW
0332	D	◌̲				COMBINING LOW LINE
0333	D	◌̳	2lowbar			COMBINING DOUBLE LOW LINE
0338	D	◌̸			negation slash	COMBINING LONG SOLIDUS OVERLAY
033A	D	◌̺				COMBINING INVERTED BRIDGE BELOW
033F	D	◌̿				COMBINING DOUBLE OVERLINE
0346	D	◌͆				COMBINING BRIDGE ABOVE
0391	A	Α	Agr	ISOGRK 1		GREEK CAPITAL LETTER ALPHA
0392	A	Β	Bgr	ISOGRK 1		GREEK CAPITAL LETTER BETA
0393	A	Γ	Gamma	ISOGRK 3		GREEK CAPITAL LETTER GAMMA
0394	A	Δ	Delta	ISOGRK 3		GREEK CAPITAL LETTER DELTA
0395	A	Ε	Egr	ISOGRK 1		GREEK CAPITAL LETTER EPSILON
0396	A	Ζ	Zgr	ISOGRK 1		GREEK CAPITAL LETTER ZETA
0397	A	Η	EEgr	ISOGRK 1		GREEK CAPITAL LETTER ETA
0398	A	Θ	Theta	ISOGRK		GREEK CAPITAL

				3		LETTER THETA
0399	A	Ι	Igr	ISOGRK 1		GREEK CAPITAL LETTER IOTA
039A	A	Κ	Kgr	ISOGRK 1		GREEK CAPITAL LETTER KAPPA
039B	A	Λ	Lambda	ISOGRK 3		GREEK CAPITAL LETTER LAMDA
039C	A	Μ	Mgr	ISOGRK 1		GREEK CAPITAL LETTER MU
039D	A	Ν	Ngr	ISOGRK 1		GREEK CAPITAL LETTER NU
039E	A	Ξ	Xi	ISOGRK 3		GREEK CAPITAL LETTER XI
039F	A	Ο	Ogr	ISOGRK 1		GREEK CAPITAL LETTER OMICRON
03A0	A	Π	Pi	ISOGRK 3		GREEK CAPITAL LETTER PI
03A1	A	Ρ	Rgr	ISOGRK 1		GREEK CAPITAL LETTER RHO
03A3	A	Σ	Sigma	ISOGRK 3		GREEK CAPITAL LETTER SIGMA
03A4	A	Τ	Tgr	ISOGRK 1		GREEK CAPITAL LETTER TAU
03A6	A	Φ	Phi	ISOGRK 3		GREEK CAPITAL LETTER PHI
03A7	A	Χ	KHgr	ISOGRK 1		GREEK CAPITAL LETTER CHI
03A8	A	Ψ	Psi	ISOGRK 3		GREEK CAPITAL LETTER PSI
03A9	A	Ω	Omega	ISOGRK 3		GREEK CAPITAL LETTER OMEGA
03B1	A	α	alpha	ISOGRK 3		GREEK SMALL LETTER ALPHA
03B2	A	β	beta	ISOGRK 3		GREEK SMALL LETTER BETA
03B3	A	γ	gamma	ISOGRK 3		GREEK SMALL LETTER GAMMA
03B4	A	δ	delta	ISOGRK 3		GREEK SMALL LETTER DELTA
03B5	A	ε	epsiv	ISOGRK 3	rounded	GREEK SMALL LETTER EPSILON
03B6	A	ζ	zeta	ISOGRK 3		GREEK SMALL LETTER ZETA
03B7	A	η	eta	ISOGRK 3		GREEK SMALL LETTER ETA
03B8	A	θ	theta	ISOGRK 3	straight theta	GREEK SMALL LETTER THETA
03B9	A	ι	iota	ISOGRK 3		GREEK SMALL LETTER IOTA
03BA	A	κ	kappa	ISOGRK 3		GREEK SMALL LETTER KAPPA
03BB	A	λ	lambda	ISOGRK 3		GREEK SMALL LETTER LAMBDA
03BC	A	μ	mu	ISOGRK		GREEK SMALL LETTER

				3		MU
03BD	A	ν	nu	ISOGRK 3		GREEK SMALL LETTER NU
03BE	A	ξ	xi	ISOGRK 3		GREEK SMALL LETTER XI
03BF	A	ο	ogr	ISOGRK 1		GREEK SMALL LETTER OMICRON
03C0	A	π	pi	ISOGRK 3		GREEK SMALL LETTER PI
03C1	A	ρ	rho	ISOGRK 3		GREEK SMALL LETTER RHO
03C3	A	σ	sigma	ISOGRK 3		GREEK SMALL LETTER SIGMA
03C4	A	τ	tau	ISOGRK 3		GREEK SMALL LETTER TAU
03C5	A	υ	upsi	ISOGRK 3		GREEK SMALL LETTER UPSILON
03C6	A	φ	phiv	ISOGRK 3	\varphi	GREEK SMALL LETTER PHI
03C7	A	χ	chi	ISOGRK 3		GREEK SMALL LETTER CHI
03C8	A	ψ	psi	ISOGRK 3		GREEK SMALL LETTER PSI
03C9	A	ω	omega	ISOGRK 3		GREEK SMALL LETTER OMEGA
03D0	A	ϐ				GREEK BETA SYMBOL
03D1	A	ϑ	thetav	ISOGRK 3	\vartheta – curly or open small theta	GREEK THETA SYMBOL
03D2	A	ϒ	Upsi	ISOGRK 3		GREEK UPSILON WITH HOOK SYMBOL
03D5	A	ϕ	phi	ISOGRK 3		GREEK PHI SYMBOL
03D6	A	ϖ	piv	ISOGRK 3	rounded (pomega)	GREEK PI SYMBOL
03D8	N	Ϙ				GREEK LETTER ARCHAIC KOPPA
03D9	N	ϙ				GREEK SMALL LETTER ARCHAIC KOPPA
03DA	A	Ϛ			capital	GREEK LETTER STIGMA
03DB	A	ϛ	stigma			GREEK SMALL LETTER STIGMA
03DC	A	F	Gammad	ISOGRK 3	capital	GREEK LETTER DIGAMMA
03DD	A	ϝ	gammad	ISOGRK 3	old	GREEK SMALL LETTER DIGAMMA
03E0	A	Ϡ			capital	GREEK LETTER SAMPI
03E1	A	ϡ	sampi			GREEK SMALL LETTER SAMPI
03F0	A	ϰ	kappav	ISOGRK 3	rounded	GREEK SMALL LETTER KAPPA
03F1	A	ϱ	rhov	ISOGRK 3	rounded	GREEK SMALL LETTER RHO

03F4	A	Θ	Thetav			GREEK CAPITAL THETA SYMBOL
03F5	A	ϵ	epsi	ISOGRK 3	straight	GREEK LUNATE EPSILON SYMBOL
03F6	N	϶	bepsi	ISOAMS R		GREEK REVERSED LUNATE EPSILON SYMBOL
0428	A	Ш	Shcy	ISOCYR 1		CYRILLIC CAPITAL LETTER SHA
0606	L	∛				ARABIC-INDIC CUBE ROOT
0607	L	∜				ARABIC-INDIC FOURTH ROOT
0608	A	؈				ARABIC RAY
2000	S		enquad			EN QUAD
2001	S		emquad			EM QUAD
2002	S		ensp	ISOPUB	(half an em)	EN SPACE
2003	S		emsp	ISOPUB		EM SPACE
2004	S					THREE-PER-EM SPACE
2005	S				mid space	FOUR-PER-EM SPACE
2006	S					SIX-PER-EM SPACE
2007	S					FIGURE SPACE
2009	S					THIN SPACE
200A	S					HAIR SPACE
200B	S		zwsp			ZERO WIDTH SPACE
2010	P	-	hyphen	ISOPUB	(true graphic)	HYPHEN
2012	P	–	dash	ISOPUB		FIGURE DASH
2013	P	–	ndash	ISOPUB		EN DASH
2014	P	—	mdash	ISOPUB		EM DASH
2016	F	‖	Verbar	ISOTEC H		DOUBLE VERTICAL BAR
2020	R	†	dagger	ISOAMS B	(N in ISOPUB)	DAGGER RELATION
2021	R	‡	Dagger	ISOAMS B	(N in ISOPUB)	DOUBLE DAGGER RELATION
2022	B	•	bull	ISOPUB	/bullet round bullet, filled	BULLET
2026	N	…	hellip	ISOPUB		HORIZONTAL ELLIPSIS
2032	N	′	prime	ISOTEC H	minute	PRIME
2033	N	″	Prime	ISOTEC H	second	DOUBLE PRIME
2034	N	‴	tprime	ISOTEC H		TRIPLE PRIME
2035	N	‵	bprime	ISOAMS O		REVERSE PRIME
2036	N	‶	bPrime			DOUBLE REVERSE PRIME
2037	N	‷	btprime			TRIPLE REVERSE PRIME
203B	N	※			Japanese kome	REFERENCE MARK
203C	N	‼			Factorial spacing	DOUBLE EXCLAMATION MARK
2040	B	⁀			z notation	CHARACTER TIE

					sequence concatenation	
2044	B	⁄			stretchy	FRACTION SLASH
204E	B	∗	lowast	ISOTECH		LOW ASTERISK
204F	R	⁏	bsemi	ISOAMSO		REVERSED SEMICOLON
2050	R	⁀⁀	closur			CLOSE UP
2051	N	⁂	Ast			TWO ASTERISKS ALIGNED VERTICALLY
2052	N	⁒				COMMERCIAL MINUS SIGN
2057	N	⁗	qprime	ISOTECH		QUADRUPLE PRIME
205F	S					MEDIUM MATHEMATICAL SPACE
2061	B					FUNCTION APPLICATION
2062	B					INVISIBLE TIMES
2063	P					INVISIBLE SEPARATOR
2064	X	2064				INVISIBLE PLUS
207A..207E	N	⁺..⁾			subscript operators	
208A..208E	N	₊..₎			superscript operators	
20D0	D	◌⃐				COMBINING LEFT HARPOON ABOVE
20D1	D	◌⃑				COMBINING RIGHT HARPOON ABOVE
20D2	D	◌⃒				COMBINING LONG VERTICAL LINE OVERLAY
20D3	X	◌⃓				COMBINING SHORT VERTICAL LINE OVERLAY
20D4	D	◌⃔				COMBINING ANTICLOCKWISE ARROW ABOVE
20D5	D	◌⃕				COMBINING CLOCKWISE ARROW ABOVE
20D6	D	◌⃖				COMBINING LEFT ARROW ABOVE
20D7	D	◌⃗				COMBINING RIGHT ARROW ABOVE
20D8	D	◌⃘				* COMBINING RING OVERLAY
20D9	D	◌⃙				* COMBINING CLOCKWISE RING OVERLAY
20DA	D	◌⃚				* COMBINING ANTICLOCKWISE RING OVERLAY

20DB	D	◌⃛	tdot	ISOTECH		COMBINING THREE DOTS ABOVE
20DC	D	◌⃜	DotDot	ISOTECH		COMBINING FOUR DOTS ABOVE
20DD	D					* COMBINING ENCLOSING CIRCLE
20DE	D					* COMBINING ENCLOSING SQUARE
20DF	D					* COMBINING ENCLOSING DIAMOND
20E1	D	◌⃡				COMBINING LEFT RIGHT ARROW ABOVE
20E4	D	◌⃤				COMBINING ENCLOSING UPWARD POINTING TRIANGLE
20E5	D	◌⃥				COMBINING REVERSE SOLIDUS OVERLAY
20E6	D	◌⃦				COMBINING DOUBLE VERTICAL STROKE OVERLAY
20E7	D	◌⃧			actuary	COMBINING ANNUITY SYMBOL
20E8	D	◌⃨				COMBINING TRIPLE UNDERDOT
20E9	D	◌⃩				COMBINING WIDE BRIDGE ABOVE
20EA	D	◌⃪				COMBINING LEFTWARDS ARROW OVERLAY
20EB	D	◌⃫				* COMBINING LONG DOUBLE SOLIDUS OVERLAY
20EC	D	◌⃬				* COMBINING RIGHTWARDS HARPOON WITH BARB DOWNWARDS
20ED	D	◌⃭				* COMBINING LEFTWARDS HARPOON WITH BARB DOWNWARDS
20EE	D	◌⃮				* COMBINING LEFT ARROW BELOW
20EF	D	◌⃯				* COMBINING RIGHT ARROW BELOW
2102	A	ℂ	Copf	ISOMOPF	/Bbb C, open face C	DOUBLE-STRUCK CAPITAL C
2107	N	Ɛ				EULER CONSTANT
210A	A	ℊ	gscr	ISOMSCR	/scr g	SCRIPT SMALL G
210B	A	ℋ	Hscr	ISOMSCR	/scr H	SCRIPT CAPITAL H
210C	A	ℌ	Hfr	ISOMFRK	/frak H	BLACK-LETTER CAPTITAL H
210D	A	ℍ	Hopf	ISOMO	/Bbb H	DOUBLE-STRUCK

				PF		CAPITAL H
210E	N	h				PLANCK CONSTANT
210F	N	$\hbar$	plankv	ISOAMSO	/hslash - variant	PLANCK CONSTANT OVER TWO PI
2110	A	$\mathcal{I}$	Iscr	ISOMSCR	/scr I	SCRIPT CAPITAL I
2111	A	$\mathfrak{I}$	image	ISOAMSO	imaginary part	BLACK-LETTER CAPITAL I
2112	A	$\mathcal{L}$	lagran	ISOTECH	Lagrangian	SCRIPT CAPITAL L
2113	A	ℓ	ell	ISOAMSO	cursive small l	SCRIPT SMALL L
2115	A	$\mathbb{N}$	Nopf	ISOMOPF	/Bbb N, open face N	DOUBLE-STRUCK N
2118	A	$\wp$	weierp	ISOAMSO	Weierstrass p (Unicode name is a misnomer)	SCRIPT CAPITAL P
2119	A	$\mathbb{P}$	Popf	ISOMOPF	/Bbb P, open face P	DOUBLE-STRUCK CAPITAL P
211A	A	$\mathbb{Q}$	Qopf	ISOMOPF	/Bbb Q, open face Q	DOUBLE-STRUCK CAPTIAL Q
211B	A	$\mathcal{R}$	Rscr	ISOMSCR	/scr R	SCRIPT CAPITAL R
211C	A	$\mathfrak{R}$	real	ISOAMSO		BLACK-LETTER CAPITAL R
211D	A	$\mathbb{R}$	Ropf	ISOMOPF	/Bbb R, open face R	DOUBLE-STRUCK CAPITAL R
2124	A	$\mathbb{Z}$	Zopf	ISOMOPF	/Bbb Z, open face Z	DOUBLE-STRUCK CAPTIAL Z
2126	N	Ω	ohm	ISONUM	(deprecated in math, use greek letter)	OHM SIGN
2127	N	$\mho$	mho	ISOAMSO	conductance	INVERTED OHM
2128	A	$\mathfrak{Z}$	Zfr	ISOMFRK	/frak Z	BLACK_LETTER CAPITAL Z
2129	N	ɩ	iiota	ISOAMSO	inverted iota	TURNED GREEK SMALL LETTER IOTA
212B	A	Å	angst	ISOTECH	Angstrom capital A, ring (deprecated in math)	ANGSTROM SIGN
212C	A	$\mathcal{B}$	bernou	ISOTECH	Bernoulli function	SCRIPT CAPITAL B
212D	A	$\mathfrak{C}$	Cfr	ISOMFRK		BLACK-LETTER CAPITAL C
212F	A	e	escr	ISOMSCR	/scr e	SCRIPT SMALL E
2130	A	$\mathcal{E}$	Escr	ISOMSCR	/scr E	SCRIPT CAPITAL E
2131	A	$\mathcal{F}$	Fscr	ISOMSCR	/scr F	SCRIPT CAPITAL F
2132	N	Ⅎ				TURNED CAPITAL F
2133	A	$\mathcal{M}$	phmmat	ISOTEC	physics M-	SCRIPT CAPITAL M

				H	matrix	
2134	A	ℴ	order	ISOTECH	order of	SCRIPT SMALL O
2135	A	ℵ	aleph	ISOTECH	aleph, Hebrew	ALEPH SIGN
2136	A	ℶ	beth	ISOAMSO	beth, Hebrew	BETH SIGN
2137	A	ℷ	gimel	ISOAMSO	gimel, Hebrew	GIMEL SIGN
2138	A	ℸ	daleth	ISOAMSO	daleth, Hebrew	DALETH SIGN
213C	A	213C				* DOUBLE-STRUCK SMALL PI
213D	A	ℽ	opfgamma			DOUBLE-STRUCK SMALL GAMMA
213E	N	ℾ	opfGam			DOUBLE-STRUCK CAPITAL GAMMA
213F	A	ℿ	opfPi			DOUBLE-STRUCK CAPITAL PI
2140	L	⅀	opfsum			DOUBLE-STRUCK N-ARY SUMMATION
2141	N	⅁	Game			TURNED SANS-SERIF CAPITAL G
2142	N	⅂				TURNED SANS-SERIF CAPITAL L
2143	N	⅃				REVERSED SANS-SERIF CAPITAL L
2144	N	⅄				TURNED SANS-SERIF CAPITAL Y
2145	N	ⅅ				DOUBLE-STRUCK ITALIC CAPITAL D
2146	N	ⅆ				DOUBLE-STRUCK ITALIC SMALL D
2147	N	ⅇ				DOUBLE-STRUCK ITALIC SMALL E
2148	N	ⅈ				DOUBLE-STRUCK ITALIC SMALL I
2149	N	ⅉ				DOUBLE-STRUCK ITALIC SMALL J
214B	N	⅋	turnamp			TURNED AMPERSAND
2190	R	←	larr	ISONUM	/leftarrow /gets	LEFTWARD ARROW
2191	R	↑	uarr	ISONUM		UPWARD ARROW
2192	R	→	rarr	ISONUM	/rightarrow /to	RIGHTWARD ARROW
2193	R	↓	darr	ISONUM		DOWNWARD ARROW
2194	R	↔	harr	ISOAMSA	left and right arrow	LEFT RIGHT ARROW
2195	R	↕	varr	ISOAMSA	up and down arrow	UP DOWN ARROW
2196	R	↖	nwarr	ISOAMSA	NW pointing arrow	NORTH WEST ARROW

2197	R	↗	nearr	ISOAMSA	NE pointing arrow	NORTH EAST ARROW
2198	R	↘	searr	ISOAMSA	SE pointing arrow	SOUTH EAST ARROW
2199	R	↙	swarr	ISOAMSA	SW pointing arrow	SOUTH WEST ARROW
219A	R	↚	nlarr	ISOAMSA	not left arrow	LEFTWARDS ARROW WITH STROKE
219B	R	↛	nrarr	ISOAMSA	not right arrow	RIGHTWARDS ARROW WITH STROKE
219C	R	↜	larrw		left arrow-wavy	LEFTWARDS WAVE ARROW
219D	R	↝	rarrw	ISOAMSA	right arrow-wavy	RIGHTWARDS WAVE ARROW
219E	R	↞	Larr	ISOAMSA		LEFTWARDS TWO HEADED ARROW
219F	R	↟	Uarr	ISOAMSA		UPWARDS TWO HEADED ARROW
21A0	R	↠	Rarr	ISOAMSA		RIGHTWARDS TWO HEADED ARROW
21A1	R	↡	Darr	ISOAMSA		DOWNWARDS TWO HEADED ARROW
21A2	R	↢	larrtl	ISOAMSA	left arrow-tailed	LEFTWARDS ARROW WITH TAIL
21A3	R	↣	rarrtl	ISOAMSA	right arrow-tailed	RIGHTWARDS ARROW WITH TAIL
21A4	R	↤	mapstoleft		maps to, leftward	LEFTWARDS ARROW FROM BAR
21A5	R	↥	mapstoup		maps to, upward	UPWARDS ARROW FROM BAR
21A6	R	↦	map	ISOAMSA	maps to, rightward	RIGHTWARDS ARROW FROM BAR
21A7	R	↧	mapstodown		maps to, downward	DOWNWARDS ARROW FROM BAR
21A8	R	↨	varrb		up and down arrow, bar under	UP DOWN ARROW WITH BASE
21A9	R	↩	larrhk	ISOAMSA		LEFT ARROW WITH HOOK
21AA	R	↪	rarrhk	ISOAMSA		RIGHT ARROW WITH HOOK
21AB	R	↫	larrlp	ISOAMSA		LEFT ARROW WITH LOOP
21AC	R	↬	rarrlp	ISOAMSA		RIGHT ARROW WITH LOOP
21AD	R	↭	harrw	ISOAMSA	left and right arr-wavy	LEFT RIGHT WAVE ARROW
21AE	R	↮	nharr	ISOAMSA	not left and right arrow	LEFT RIGHT ARROW WITH STROKE
21AF	R	↯	zigdarr			DOWNWARDS ZIGZAG ARROW
21B0	R	↰	lsh	ISOAMSA	/Lsh	UPWARDS ARROW WITH TIP LEFTWARDS
21B1	R	↱	rsh	ISOAMSA	/Rsh	UPWARDS ARROW WITH TIP

						RIGHTWARDS
21B2	R	↲	ldsh	ISOAMSA	left down angled arrow	DOWNWARDS ARROW WITH TIP LEFTWARDS
21B3	R	↳	rdsh	ISOAMSA	right down angled arrow	DOWNWARDS ARROW WITH TIP RIGHTWARDS
21B6	R	↶	cularr	ISOAMSA	left curved arrow	ANTICLOCKWISE TOP SEMICIRCLE ARROW
21B7	R	↷	curarr	ISOAMSA	right curved arrow	CLOCKWISE TOP SEMICIRCLE ARROW
21BA	R	↺				ANTICLOCKWISE OPEN CIRCLE ARROW
21BB	R	↻				CLOCKWISE OPEN CIRCLE ARROW
21BC	R	↼	lharu	ISOAMSA	left harpoon-up	LEFTWARDS HARPOON WITH BARB UPWARDS
21BD	R	↽	lhard	ISOAMSA	left harpoon-down	LEFTWARDS HARPOON WITH BARB DOWNWARDS
21BE	R	↾	uharr	ISOAMSA	/upharpoonright /restriction up harpoon-right	UPWARDS HARPOON WITH BARB RIGHTWARDS
21BF	R	↿	uharl	ISOAMSA	up harpoon-left	UPWARDS HARPOON WITH BARB LEFTAWRDS
21C0	R	⇀	rharu	ISOAMSA	right harpoon-up	RIGHTWARDS HARPOON WITH BARB UPWARDS
21C1	R	⇁	rhard	ISOAMSA	right harpoon-down	RIGHTWARDS HARPOON WITH BARB DOWNWARDS
21C2	R	⇂	dharr	ISOAMSA	down harpoon-right	DOWNWARDS HARPOON WITH BARB RIGHTAWRDS
21C3	R	⇃	dharl	ISOAMSA	down harpoon-left	DOWNWARDS HARPOON WITH BARB LEFTAWRDS
21C4	R	⇄	rlarr	ISOAMSA	right arrow over left arrow	RIGHTWARDS ARROW OVER LEFTWARDS ARROW
21C5	R	⇅	udarr	ISOAMSA	up arrow, down arrow	UPWARDS ARROW LEFTWARDS OF DOWNWARDS ARROW
21C6	R	⇆	lrarr	ISOAMSA	left arrow over right arrow	LEFTWARDS ARROW OVER RIGHTWARDS ARROW
21C7	R	⇇	llarr	ISOAMSA	two left arrows	LEFTWARDS PAIRED ARROWS
21C8	R	⇈	uuarr	ISOAMSA	two up arrows	UPWARDS PAIRED ARROWS
21C9	R	⇉	rrarr	ISOAMS	two right arrows	RIGHTWARDS PAIRED

				A		ARROWS
21CA	R	⇊	ddarr	ISOAMSA	two down arrows	DOWNWARDS PAIRED ARROWS
21CB	R	⇋	lrhar	ISOAMSA	left harpoon over right	LEFTWARDS HARPOON OVER RIGHTWARDS HARPOON
21CC	R	⇌	rlhar	ISOAMSA	right harpoon over left	RIGHTWARDS HARPOON OVER LEFTWARDS HARPOON
21CD	R	⇍	nlArr	ISOAMSA	not implied by	LEFTWARD DOUBLE ARROW WITH STROKE
21CE	R	⇎	nhArr	ISOAMSA	not left and right double arrows	LEFT RIGHT DOUBLE ARROW WITH STROKE
21CF	R	⇏	nrArr	ISOAMSA	not implies	RIGHTWARDS DOUBLE ARROW WITH STROKE
21D0	R	⇐	lArr	ISOTECH	is implied by	LEFTWARDS DOUBLE ARROW
21D1	R	⇑	uArr	ISOAMSA	up double arrow	UPWARDS DOUBLE ARROW
21D2	R	⇒	rArr	ISOTECH	implies	RIGHTWARDS DOUBLE ARROW
21D3	R	⇓	dArr	ISOAMSA	down double arrow	DOWNWARDS DOUBLE ARROW
21D4	R	⇔	hArr	ISOAMSA	left and right double arrow	LEFT RIGHT DOUBLE ARROW
21D5	R	⇕	vArr	ISOAMSA	up and down double arrow	UP DOWN DOUBLE ARROW
21D6	R	⇖	nwArr	ISOAMSA	NW pointing double arrow	NORTH WEST DOUBLE ARROW
21D7	R	⇗	neArr	ISOAMSA	NE pointing double arrow	NORTH EAST DOUBLE ARROW
21D8	R	⇘	seArr	ISOAMSA	SE pointing double arrow	SOUTH EAST DOUBLE ARROW
21D9	R	⇙	swArr	ISOAMSA	SW pointing double arrow	SOUTH WEST DOUBLE ARROW
21DA	R	⇚	lAarr	ISOAMSA	left triple arrow	LEFTWARDS TRIPLE ARROW
21DB	R	⇛	rAarr	ISOAMSA	right triple arrow	RIGHTWARDS TRIPLE ARROW
21DC	R	⇜	ziglarr		left zig-zag arrow	LEFTWARDS SQUIGGLE ARROW
21DD	R	⇝	zigrarr	ISOAMSA	right zig-zag arrow	RIGHTWARDS SQUIGGLE ARROW
21DE	R	⇞				UPWARDS ARROW WITH DOUBLE STROKE
21DF	R	⇟				DOWNWARDS ARROW WITH DOUBLE STROKE
21E0	R	⇠				LEFTWARDS DASHED

						ARROW
21E1	R	⇡				UPWARDS DASHED ARROW
21E2	R	⇢				RIGHTWARDS DASHED ARROW
21E3	R	⇣				DOWNWARDS DASHED ARROW
21E4	R	⇤	larrb			LEFTWARDS ARROW TO BAR
21E5	R	⇥	rarrb			RIGHTWARDS ARROW TO BAR
21E6	R	⇦				LEFTWARDS WHITE ARROW
21E7	R	⇧				UPWARDS WHITE ARROW
21E8	R	⇨				RIGHTWARDS WHITE ARROW
21E9	R	⇩				DOWNWARDS WHITE ARROW
21F3	R	⇳				UP DOWN WHITE ARROW
21F4	R	⇴				RIGHT ARROW WITH SMALL CIRCLE
21F5	R	⇵	duarr	ISOAMSA		DOWNWARDS ARROW LEFTWARDS OF UPWARDS ARROW
21F6	R	⇶	rarr3			THREE RIGHTWARDS ARROWS
21F7	R	⇷	nvlarr			LEFTWARDS ARROW WITH VERTICAL STROKE
21F8	R	⇸	nvrarr			RIGHTWARDS ARROW WITH VERTICAL STROKE
21F9	R	⇹	nvharr			LEFT RIGHT ARROW WITH VERTICAL STROKE
21FA	R	⇺				LEFTWARDS ARROW WITH DOUBLE VERTICAL STROKE
21FB	R	⇻				RIGHTWARDS ARROW WITH DOUBLE VERTICAL STROKE
21FC	R	⇼				LEFT RIGHT ARROW WITH DOUBLE VERTICAL STROKE
21FD	R	⇽	loarr	ISOAMSA		LEFTWARDS OPEN-HEADED ARROW
21FE	R	⇾	roarr	ISOAMSA		RIGHTWARDS OPEN-HEADED ARROW
21FF	R	⇿	hoarr	ISOAMSA		LEFT RIGHT OPEN-HEADED ARROW
2200	U	∀	forall	ISOTECH		FOR ALL

2201	U	∁	comp	ISOAMSO		COMPLEMENT
2202	N	∂	part	ISOTECH		PARTIAL DIFFERENTIAL
2203	U	∃	exist	ISOTECH	at least one exists	THERE EXISTS
2204	U	∄	nexist	ISOAMSO	negated exists	THERE DOES NOT EXIST
2205	N	∅	emptyv	ISOAMSO	circle, slash	EMPTY SET
2206	U	Δ			Laplacian (Delta, nabla^2)	INCREMENT
2207	U	∇	nabla	ISOTECH	nabla, del, Hamilton operator	NABLA
2208	R	∈	isin	ISOTECH	set membership, variant	ELEMENT OF
2209	R	∉	notin	ISOTECH	negated set membership	NOT AN ELEMENT OF
220A	R	∊	isinv	ISOTECH	set membership	SMALL ELEMENT OF
220B	R	∋	ni	ISOTECH	contains, variant	CONTAINS AS MEMBER
220C	R	∌	notni	ISOTECH	negated contains, variant	DOES NOT CONTAIN AS MEMBER
220D	R	∍	niv	ISOTECH	/ni /owns contains	SMALL DOES NOT CONTAIN AS MEMBER
220E	N	∎	qed			END OF PROOF
220F	L	∏	prod	ISOAMSO	product operator	N-ARY PRODUCT
2210	L	∐	coprod	ISOAMSB	coproduct operator	N-ARY CODPRODUCT
2211	L	∑	sum	ISOAMSB	summation operator	N-ARY SUMATION
2212	V	−	minus	ISOTECH		* MINUS SIGN
2213	V	∓	mnplus			* MINUS-OR-PLUS SIGN
2214	B	∔	plusdo	ISOAMSB	plus sign, dot above	DOT PLUS
2215	B	/				DIVISION SLASH
2216	B	\	ssetmn	ISOAMSB	small set minus (cf. reverse solidus)	SET MINUS
2217	B	∗	midast	ISOAMSB	centered asterisk	ASTERISK OPERATOR
2218	B	∘	compfn	ISOTECH	composite function (small circle)	RING OPERATOR
2219	B	•				BULLET OPERATOR
221A	L	√	radic	ISOTECH	radical	SQUARE ROOT
221B	L	∛				CUBE ROOT

221C	L	∜				FOURTH ROOT
221D	R	∝	prop	ISOTECH		PROPORTIONAL TO
221E	N	∞	infin	ISOTECH		INFINITY
221F	N	∟	angrt	ISOTECH	(90 degree)	RIGHT ANGLE
2220	N	∠	ang	ISOAMSO		ANGLE
2221	N	∡	angmsd	ISOAMSO		MEASURED ANGLE
2222	N	∢	angsph	ISOTECH		SPHERICAL ANGLE
2223	R	∣	mid	ISOAMSR	/mid	DIVIDES
2224	R	∤	nmid	ISOAMSN	negated mid	DOES NOT DIVIDE
2225	R	∥	par	ISOTECH		PARALLEL TO
2226	R	∦	npar	ISOAMSN		NOT PARALLEL TO
2227	B	∧	and	ISOTECH	/wedge /land	LOGICAL AND
2228	B	∨	or	ISOTECH	/vee /lor	LOGICAL OR
2229	B	∩	cap	ISOTECH		INTERSECTION
222A	B	∪	cup	ISOTECH	logical sum	UNION
222B	L	∫	int	ISOTECH		INTEGRAL
222C	L	∬	Int	ISOTECH		DOUBLE INTEGRAL
222D	L	∭	tint	ISOTECH		TRIPLE INTEGRAL
222E	L	∮	conint	ISOTECH		CONTOUR INTEGRAL
222F	L	∯	Conint	ISOTECH	double contour integral operator	SURFACE INTEGRAL
2230	L	∰	Cconint	ISOTECH	triple contour integral operator	VOLUME INTEGRAL
2231	L	∱	cwint	ISOTECH		CLOCKWISE INTEGRAL
2232	L	∲	cwconint	ISOTECH		CONTOUR INTEGRAL, CLOCKWISE
2233	L	∳	awconint	ISOTECH		CONTOUR INTEGRAL, ANTICLOCKWISE
2234	R	∴	there4	ISOTECH		THEREFORE
2235	R	∵	becaus	ISOTECH		BECAUSE
2236	R	∶	ratio	ISOAMSR		RATIO
2237	R	∷	Colon	ISOAMS	two colons	PROPORTION

				R		
2238	B	∸	minusd	ISOAMSB	minus sign, dot above	DOT MINUS
2239	R	−:	excess		excess (-:)	EXCESS
223A	R	∺	mDDot	ISOAMSR	minus with four dots, geometric properties	GEOMETRIC PROPORTION
223B	R	∻	homtht	ISOAMSR		HOMOTHETIC
223C	R	∼	sim	ISOTECH	similar	TILDE OPERATOR
223D	R	∽	bsim	ISOAMSR	reverse similar	REVERSE TILDE OPERATOR
223E	B	∾	ac	ISOAMSB	most positive	INVERTED LAZY S
223F	N	∿				SINE WAVE
2240	B	≀	wreath	ISOAMSB		WREATH PRODUCT
2241	R	≁	nsim	ISOAMSO	not similar	NOT TILDE
2242	R	≂	esim	ISOAMSR	equals, similar	MINUS TILDE
2243	R	≃	sime	ISOTECH	similar, equals	ASYMPTOTICALLY EQUAL TO
2244	R	≄	nsime	ISOAMSN	not similar, equals	NOT ASYMPTOTICALLY EQUAL TO
2245	R	≅	cong	ISOTECH	congruent with	APPROXIMATELY EQUAL TO
2246	R	≆	simne	ISOAMSN	similar, not equals [vert only for 9573 entity]	APPROXIMATELY BUT NOT ACTUALLY EQUAL TO
2247	R	≇	ncong	ISOAMSN	not congruent with	NEITHER APPROXIMATELY NOR ACTUALLY EQUAL TO
2248	R	≈	ap	ISOTECH	approximate	ALMOST EQUAL TO
2249	R	≉	nap	ISOAMSN	not approximate	NOT ALMOST EQUAL TO
224A	R	≊	ape	ISOAMSR	approximate, equals	ALMOST EQUAL OR EQUAL TO
224B	R	≋	apid	ISOAMSR	approximately identical to	TRIPLE TILDE
224C	R	≌	bcong	ISOAMSR		ALL EQUAL TO
224D	R	≍	asymp	ISOAMSR	asymptotically equal to	EQUIVALENT TO
224E	R	≎	bump	ISOAMSR	bumpy equals	GEOMETRICALLY EQUIVALENT TO
224F	R	≏	bumpe	ISOAMSR	bumpy equals, equals	DIFFERENCE BETWEEN
2250	R	≐	esdot	ISOAMSR	equals, single dot above	APPROACHES THE LIMIT
2251	R	≑	eDot	ISOAMS	/doteqdot	GEOMETRICALLY

				R	/Doteq equals, even dots	EQUAL TO
2252	R	≒	efDot	ISOAMSR	equals, falling dots	APPROXIMATELY EQUAL TO OR THE IMAGE OF
2253	R	≓	erDot	ISOAMSR	equals, rising dots	IMAGE OF OR APPROXIMATELY EQUAL TO
2254	R	≔	colone	ISOAMSR		COLON EQUALS
2255	R	≕	ecolon	ISOAMSR		EQUALS COLON
2256	R	≖	ecir	ISOAMSR	circle on equals sign	RING IN EQUAL TO
2257	R	≗	cire	ISOAMSR	circle, equals	RING EQUAL TO
2258	R	≘	arceq		arc, equals	CORRESPONDS TO
2259	R	≙	wedgeq	ISOTECH	corresponds to (wedge, equals)	ESTIMATES
225A	R	≚	veeeq	ISOTECH	logical or, equals	EQUIANGULAR TO
225B	R	≛				STAR EQUALS
225C	R	≜	trie	ISOAMSR	triangle, equals	DELTA EQUAL TO
225D	R	≝	eqdef			EQUAL TO BY DEFINITION
225E	R	≞	measeq		(m over equals)	MEASURED BY
225F	R	≟	equest	ISOAMSR	equal with questionmark	QUESTIONED EQUAL TO
2260	R	≠	ne	ISOTECH	/ne /neq	NOT EQUAL TO
2261	R	≡	equiv	ISOTECH		IDENTICAL TO
2262	R	≢	nequiv	ISOAMSN		NOT IDENTICAL TO
2263	R	≣	Equiv		(4 lines)	STRICTLY EQUIVALENT TO
2264	R	≤	le	ISOTECH	/leq /le	LESS-THAN OR EQUAL TO
2265	R	≥	ge	ISOTECH	/geq /ge	GREATER-THAN OR EQUAL TO
2266	R	≦	lE	ISOAMSR	less, double equals	LESS-THAN OVER EQUAL TO
2267	R	≧	gE	ISOAMSR	greater, double equals	GREATER-THAN OVER EQUAL TO
2268	R	≨	lnE	ISOAMSN	less, not double equals	LESS-THAN BUT NOT EQUAL TO
2269	R	≩	gnE	ISOAMSN	greater, not double equals	GREATER-THAN BUT NOT EQUAL TO
226A	R	≪	Lt		much less than, type 2	MUCH LESS THAN
226B	R	≫	Gt		much greater than, type 2	MUCH GREATER THAN
226C	R	≬	twixt	ISOAMS		BETWEEN

				R		
226D	R	≁	nasymp		not asymptotically equal to	NOT EQUIVALENT TO
226E	R	≮	nlt	ISOAMSN		NOT LESS-THAN
226F	R	≯	ngt	ISOAMSN		NOT GREATER-THAN
2270	R	≰	nle	ISOAMSN		NOT LESS-THAN OR EQUAL
2271	R	≱	nge	ISOAMSN		NOT GREATER-THAN OR EQUAL
2272	R	≲	lsim	ISOAMSR	less, similar	LESS-THAN OR EQUIVALENT TO
2273	R	≳	gsim	ISOAMSR	greater, similar	GREATER-THAN OR EQUIVALENT TO
2274	R	≴	nlsim	ISOAMSN	not less, similar	NEITHER LESS-THAN NOR EQUIVALENT TO
2275	R	≵	ngsim	ISOAMSN	not greater, similar	NEITHER GREATER-THAN NOR EQUIVALENT TO
2276	R	≶	lg	ISOAMSR	less, greater	LESS-THAN OR GREATER-THAN
2277	R	≷	gl	ISOAMSR	greater, less	GREATER-THAN OR LESS-THAN
2278	R	≸	ntlg	ISOAMSN		NEITHER LESS-THAN NOR GREATER-THAN
2279	R	≹	ntgl	ISOAMSN		NEITHER GREATER-THAN NOR LESS-THAN
227A	R	≺	pr	ISOAMSR		PRECEDES
227B	R	≻	sc	ISOAMSR		SUCCEEDS
227C	R	≼	prcue	ISOAMSR	precedes, curly equals	PRECEDES OR EQUAL TO
227D	R	≽	sccue	ISOAMSR	succeeds, curly equals	SUCCEEDS OR EQUAL TO
227E	R	≾	prsim	ISOAMSR	precedes, similar	PRECEDES OR EQUIVALENT TO
227F	R	≿	scsim	ISOAMSR	succeeds, similar	SUCCEEDS OR EQUIAVLENT TO
2280	R	⊀	npr	ISOAMSN	not precedes	DOES NOT PRECEDE
2281	R	⊁	nsc	ISOAMSN	not succeeds	DOES NOT SUCCEED
2282	R	⊂	sub	ISOTECH	subset or is implied by	SUBSET OF
2283	R	⊃	sup	ISOTECH	superset or implies	SUPERSET OF
2284	R	⊄	nsub	ISOAMSN		NOT A SUBSET OF
2285	R	⊅	nsup	ISOAMSN		NOT A SUPERSET OF

2286	R	⊆	sube	ISOTECH	subset, equals	SUBSET OR EQUAL TO
2287	R	⊇	supe	ISOTECH	superset, equals	SUPERSET OR EQUAL TO
2288	R	⊈	nsube	ISOAMSN	not subset, equals	NEITHER A SUPERSET NOR EQUAL TO
2289	R	⊉	nsupe	ISOAMSN	not superset, equals	NEITHER A SUBSET NOR EQUAL TO
228A	R	⊊	subne	ISOAMSN	subset, not equals	SUBSET OF WITH NOT EQUAL TO
228B	R	⊋	supne	ISOAMSN	superset, not equals	SUPERSET OF WITH NOT EQUAL TO
228C	B	⊌				MULTISET
228D	B	⊍	cupdot	ISOAMSB	union, with dot	MULTISET MULTIPLICATION
228E	B	⊎	uplus	ISOAMSB	plus sign in union	MULTISET UNION
228F	R	⊏	sqsub	ISOAMSR	square subset	SQUARE IMAGE OF
2290	R	⊐	sqsup	ISOAMSR	square superset	SQUARE ORIGINAL OF
2291	R	⊑	sqsube	ISOAMSR	square subset, equals	SQUARE IMAGE OF OR EQUAL TO
2292	R	⊒	sqsupe	ISOAMSR	square superset, equals	SQUARE ORIGINAL OF OR EQUAL TO
2293	B	⊓	sqcap	ISOAMSB	square intersection	SQUARE CAP
2294	B	⊔	sqcup	ISOAMSB	square union	SQUARE CUP
2295	B	⊕	oplus	ISOAMSB	plus sign in circle	CIRCLED PLUS
2296	B	⊖	ominus	ISOAMSB	minus sign in circle	CIRCLED MINUS
2297	B	⊗	otimes	ISOAMSB	multiply sign in circle	CIRCLED TIMES
2298	B	⊘	osol	ISOAMSB	solidus in circle	CIRCLED DIVISION SLASH
2299	B	⊙	odot	ISOAMSB	middle dot in circle	CIRCLED DOT OPERATOR
229A	B	⊚	ocir	ISOAMSB	small circle in circle	CIRCLED RING OPERATOR
229B	B	⊛	oast	ISOAMSB	asterisk in circle	CIRCLED ASTERISK OPERATOR
229C	B	⊜	oeq		equal in circle	CIRCLED EQUALS
229D	B	⊝	odash	ISOAMSB	hyphen in circle	CIRCLED DASH
229E	B	⊞	plusb	ISOAMSB	plus sign in box \boxplus	SQUARED PLUS
229F	B	⊟	minusb	ISOAMSB	minus sign in box \boxminus	SQUARED MINUS
22A0	B	⊠	timesb	ISOAMSB	multiply sign in box \boxtimes	SQUARED TIMES
22A1	B	⊡	sdotb	ISOAMSB	small dot in box \dotsquare \	SQUARED DOT OPERATOR

					boxdot	
22A2	R	⊢	vdash	ISOAMSR	vertical, dash	RIGHT TACK
22A3	R	⊣	dashv	ISOAMSR	dash, vertical	LEFT TACK
22A4	N	⊤	top	ISOTECH	top	DOWN TACK
22A5	R	⊥	bottom	ISOTECH	bottom	UP TACK
22A6	R	⊦			(vertical, short dash)	ASSERTION
22A7	R	⊧	models	ISOAMSR	(vertical, short double dash)	MODELS
22A8	R	⊨	vDash	ISOAMSR	vertical, double dash	TRUE
22A9	R	⊩	Vdash	ISOAMSR	double vertical, dash	FORCES
22AA	R	⊪	Vvdash	ISOAMSR	triple vertical, dash	TRIPLE VERTICAL BAR RIGHT TURNSTILE
22AB	R	⊫	VDash	ISOAMSR	double vert, double dash	DOUBLE VERTICAL BAR DOUBLE RIGHT TURNSTILE
22AC	R	⊬	nvdash	ISOAMSN	not vertical, dash	DOES NOT PROVE
22AD	R	⊭	nvDash	ISOAMSN	not vertical, double dash	NOT TRUE
22AE	R	⊮	nVdash	ISOAMSN	not double vertical, dash	DOES NOT FORCE
22AF	R	⊯	nVDash	ISOAMSN	not double vert, double dash	NEGATED DOUBLE VERTICAL BAR DUBLE RIGHT TURNSTILE
22B0	R	≺	prurel	ISOAMSR	element precedes under relation	PRECEDES UNDER RELATION
22B1	R	≻	scurel			SUCCEEDS UNDER RELATION
22B2	R	◁	vltri	ISOAMSR	left triangle, open, variant	NORMAL SUBGROUP OF
22B3	R	▷	vrtri	ISOAMSR	right triangle, open, variant	CONTAINS AS NORMAL SUBGROUP
22B4	R	⊴	ltrie	ISOAMSR	left triangle, equals	NORMAL SUBGROUP OF OR EQUAL TO
22B5	R	⊵	rtrie	ISOAMSR	right triangle, equals	CONTAINS AS NORMAL SUBGROUP OF OR EQUAL TO
22B6	R	⊶	origof	ISOAMSA		ORIGINAL OF
22B7	R	⊷	imof	ISOAMSA		IMAGE OF
22B8	R	⊸	mumap	ISOAMSA	/multimap	MULTIMAP
22B9	B	⊹	hercon	ISOAMSB		HERMITIAN CONJUGATE MATRIX
22BA	B	⊺	intcal	ISOAMS	intercal	INTERCALATE

				B		
22BB	B	⊻	veebar		logical or, bar below (large vee), exclusive disjunction	XOR
22BC	B	⊼	barwed	ISOAMSB	bar, wedge (large wedge)	NAND
22BD	B	⊽		ISOAMSB	bar, vee (large vee)	NOR
22BE	N	⊾	angrtvb	ISOAMSO	right angle-measured [with arc]	RIGHT ANGLE WITH ARC
22BF	N	◿				RIGHT TRIANGLE
22C0	L	⋀	xwedge	ISOAMSB	logical or operator	N-ARY LOGICAL AND
22C1	L	⋁	xvee	ISOAMSB	logical and operator	N-ARY LOGICAL OR
22C2	L	⋂	xcap	ISOAMSB	intersection operator	N-ARY INTERSECTION
22C3	L	⋃	xcup	ISOAMSB	union operator	N-ARY UNION
22C4	B	⋄	diam	ISOAMSB	white diamond	DIAMOND OPERATOR
22C5	B	⋅	sdot	ISOAMSB	small middle dot	DOT OPERATOR
22C6	B	⋆	sstarf	ISOAMSB	small star, filled, low	STAR OPERATOR
22C7	B	⋇	divonx	ISOAMSB	division on times	DIVISION TIMES
22C8	R	⋈	bowtie	ISOAMSR		BOWTIE
22C9	B	⋉	ltimes	ISOAMSB	times sign, left closed	LEFT NORMAL FACTOR SEMIDIRECT PRODUCT
22CA	B	⋊	rtimes	ISOAMSB	times sign, right closed	RIGHT NORMAL FACTOR SEMIDIRECT PRODUCT
22CB	B	⋋	lthree	ISOAMSB		LEFT SEMIDIRECT PRODUCT
22CC	B	⋌	rthree	ISOAMSB		RIGHT SEMIDIRECT PRODUCT
22CD	R	⋍	bsime	ISOAMSR	reverse similar, equals	REVERSE TILDE EQUALS
22CE	B	⋎	cuvee	ISOAMSB		CURLY LOGICAL OR
22CF	B	⋏	cuwed	ISOAMSB		CURLY LOGICAL AND
22D0	R	⋐	Sub	ISOAMSR		DOUBLE SUBSET
22D1	R	⋑	Sup	ISOAMSR		DOUBLE SUPERSET
22D2	B	⋒	Cap	ISOAMSB	/Cap /doublecap	DOUBLE INTERSECTION
22D3	B	⋓	Cup	ISOAMS	/Cup /doublecup	DOUBLE UNION

				B		
22D4	R	⋔	fork	ISOAMSR		PITCHFORK
22D5	R	⋕	epar	ISOTECH	parallel, equal	EQUAL AND PARALLEL TO
22D6	R	⋖	ltdot	ISOAMSR		LESS THAN WITH DOT
22D7	R	⋗	gtdot	ISOAMSR		GREATER THAN WITH DOT
22D8	R	⋘	Ll	ISOAMSR	/Ll /lll /llless triple less-than	VERY MUCH LESS-THAN
22D9	R	⋙	Gg	ISOAMSR	/ggg /Gg /gggtr triple greater-than	VERY MUCH GREATER-THAN
22DA	R	⋚	leg	ISOAMSR	less, equals, greater	LESS-THAN EQUAL TO OR GREATER-THAN
22DB	R	⋛	gel	ISOAMSR	greater, equals, less	GREATER-THAN EQUAL TO OR LESS-THAN
22DC	R	⋜	el	ISOAMSR	equal-or-less	EQUAL TO OR LESS-THAN
22DD	R	⋝	eg	ISOAMSR	equal-or-greater	EQUAL TO OR GREATER-THAN
22DE	R	⋞	cuepr	ISOAMSR	curly equals, precedes	EQUAL TO OR PRECEDES
22DF	R	⋟	cuesc	ISOAMSR	curly equals, succeeds	EQUAL TO OR SUCCEEDS
22E0	R	⋠	nprcue	ISOAMSN	not precedes, curly equals	DOES NOT PRECEDE OR EQUAL
22E1	R	⋡	nsccue	ISOAMSN	not succeeds, curly equals	DOES NOT SUCCEED OR EQUAL
22E2	R	⋢	nsqsube	ISOAMSN	not, square subset, equals	NOT SQUARE IMAGE OF OR EQUAL TO
22E3	R	⋣	nsqsupe	ISOAMSN	not, square superset, equals	NOT SQUARE ORIGINAL OF OR EQUAL TO
22E4	R	⋤	sqsubne		square subset, not equals	SQUARE IMAGE OF OR NOT EQUAL TO
22E5	R	⋥	sqsupne		square superset, not equals	SQUARE ORIGINAL OF OR NOT EQUAL TO
22E6	R	⋦	lnsim	ISOAMSN	less, not similar	LESS-THAN BUT NOT EQUIVALENT TO
22E7	R	⋧	gnsim	ISOAMSN	greater, not similar	GREATER-THAN BUT NOT EQUIVALENT TO
22E8	R	⋨	prnsim	ISOAMSN	precedes, not similar	PRECEDES BUT NOT EQUIVALENT TO
22E9	R	⋩	scnsim	ISOAMSN	succeeds, not similar	SUCCEEDS BUT NOT EQUIVALENT TO
22EA	R	⋪	nltri	ISOAMSN	not left triangle	NOT NORMAL SUBGROUP OF
22EB	R	⋫	nrtri	ISOAMSN	not right triangle	DOES NOT CONTAIN AS NORMAL SUBGROUP

22EC	R	⋬	nltrie	ISOAMSN	not left triangle, equals	NOT NORMAL SUBGROUP OF OR EQUAL TO
22ED	R	⋭	nrtrie	ISOAMSN	not right triangle, equ als	DOES NOT CONTAIN AS NORMAL SUBGROUP OR EQUAL
22EE	R	⋮	vellip	ISOPUB	vertical ellipsis	VERTICAL ELLIPSIS
22EF	R	⋯	ctdot	ISOTECH	three dots, centered	MIDLINE HORIZONTAL ELLIPSIS
22F0	R	⋰	utdot	ISOTECH	three dots, ascending	UP RIGHT DIAGONAL ELLIPSIS
22F1	R	⋱	dtdot	ISOTECH	three dots, descending	DOWN RIGHT DIAGONAL ELLIPSIS
22F2	R	⋲	disin	ISOTECH		ELEMENT OF WITH LONG HORIZONTAL STROKE
22F3	R	⋳	isinsv	ISOTECH		ELEMENT OF WITH VERTICAL BAR AT END OF HORIZONTAL STROKE
22F4	R	⋴	isins	ISOTECH		SMALL ELEMENT OF WITH VERTICAL BAR AT END OF HORIZONTAL STROKE
22F5	R	⋵	isindot	ISOTECH		ELEMENT OF WITH DOT ABOVE
22F6	R	⋶	notinvc	ISOTECH		ELEMENT OF WITH OVERBAR
22F7	R	⋷	notinvb	ISOTECH		SMALL ELEMENT OF WITH OVERBAR
22F8	R	⋸	isinvb			ELEMENT OF WITH UNDERBAR
22F9	R	⋹	isinE	ISOTECH		ELEMENT OF WITH TWO HORIZONTAL STROKES
22FA	R	⋺	nisd	ISOTECH		CONTAINS WITH LONG HORIZONTAL STROKE
22FB	R	⋻	xnis	ISOTECH		CONTAINS WITH VERTICAL BAR AT END OF HORIZONTAL STROKE
22FC	R	⋼	nis	ISOTECH		SMALL CONTAINS WITH VERTICAL BAR AT END OF HORIZONTAL STROKE
22FD	R	⋽	notnivc	ISOTECH		CONTAINS WITH OVERBAR
22FE	R	⋾	notnivb	ISOTECH		SMALL CONTAINS WITH OVERBAR
22FF	R	⋿				Z NOTATION BAG MEMBERSHIP
2300	N	⌀	diameter		2205 diameter sign	DIAMETER SIGN

2302	N	⌂				HOUSE
2305	B			ISOAMSB		PROJECTIVE
2306	B			ISOAMSB		PERSPECTIVE
2308	O	⌈	lceil	ISOAMSC		LEFT CEILING
2309	C	⌉	rceil	ISOAMSC		RIGHT CEILING
230A	O	⌊	lfloor	ISOAMSC		LEFT FLOOR
230B	C	⌋	rfloor	ISOAMSC		RIGHT FLOOR
2310	N	⌐	bnot	ISOTECH		REVERSED NOT SIGN
2311	N	⌑				SQUARE LOZENGE
2319	N	⌙				TURNED NOT SIGN
231C	O	⌜	ulcorn	ISOAMSC		TOP LEFT CORNER
231D	C	⌝	urcorn	ISOAMSC		TOP RIGHT CORNER
231E	O	⌞	dlcorn	ISOAMSC		BOTTOM LEFT CORNER
231F	C	⌟	drcorn	ISOAMSC		BOTTOM RIGHT CORNER
2320..2321	G	⌠..⌡			(integral parts)	
2322	R	⌢	frown	ISOAMSR	down curve	FROWN
2323	R	⌣	smile	ISOAMSR	up curve	SMILE
#2329	O				left angle bracket (deprecated for math use, use 27E8)	LEFT-POINTING ANGLE BRACKET
#232A	C				right angle bracket (deprecated for math use, use 27E9)	RIGHT-POINTING ANGLE BRACKET
2336	N	⌶	topbot	ISOTECH	top and bottom	APL FUNCTIONAL SYMBOL I-BEAM
233D	B	⌽	ovbar	ISOAMSB	circle with vertical bar	APL FUNCTIONAL SYMBOL CIRCLE STILE
233F	R	⌿	solbar	ISOAMSN	solidus, bar through	APL FUNCTIONAL SYMBOL SLASH BAR
237C	R	⍼				RIGHT ANGLE WITH DOWNWARDS ZIGZAG ARROW
2394	N	⎔	hbenzen	ISOCHEM	horizontal benzene ring [hexagon flat open]	SOFTWARE-FUNCTION SYMBOL
239B..23AF	G	⎛..⎯			(bracket parts)	

23B0	R	⎰	lmoust	ISOAMSC		UPPER LEFT OR LOWER RIGHT CURLY BRACKET SECTION
23B1	R	⎱	rmoust	ISOAMSC		UPPER RIGHT OR LOWER LEFT CURLY BRACKET SECTION
23B2..23B3	G	⎲..⎳			(summation parts)	
23B4	N	⎴	tbrk	ISOAMSO		TOP SQUARE BRACKET
23B5	N	⎵	bbrk	ISOAMSO		BOTTOM SQUARE BRACKET
23B6	N	⎶	bbrktbrk	ISOAMSO		BOTTOM SQUARE BRACKET OVER TOP SQUARE BRACKET
23B7	G	⎷			(square root part)	
23D0	G	⏐			(vertical line extension)	
23DC	N	⏜	ovrpar		over parenthesis	* TOP PARENTHESIS
23DD	N	⏝	udrpar		under parenthesis	* BOTTOM PARENTHESIS
23DE	N	⏞	ovrcub		over brace	* TOP CURLY BRACKET
23DF	N	⏟	udrcub		under brace	* BOTTOM CURLY BRACKET
23E0	N	⏠				* TOP TORTOISE SHELL BRACKET
23E1	N	23E1				* BOTTOM TORTOISE SHELL BRACKET
23E2	N	23E2		ISOTECH		* WHITE TRAPEZIUM
23E3	N	23E3		ISOCHEM		* BENZENE RING WITH CIRCLE
23E4	N	23E4		ISOTECH		* STRAIGHTNESS
23E5	N	23E5		ISOTECH		* FLATNESS
23E6	N	23E6		ISOTECH		* AC CURRENT
23E7	N	23E7		ISOTECH		* ELECTRICAL INTERSECTION
24C8	N	Ⓢ	oS	ISOAMSO	capital S in circle	CIRCLED LATIN CAPITAL LETTER S
25A0	N	■	squarf	ISOPUB	square, filled	BLACK SQAURE
25A1	N	□	square	ISOPUB	square, open	WHITE SQUARE
25AA	N	▪	squf	ISOPUB	? /blacksquare - sq bullet, filled	BLACK SMALL SQUARE
25AB	N	▫				WHITE SMALL SQUARE
25AD	N	▭	rect		horizontal rectangle, open	WHITE RECTANGLE
25AE	N	▮	marker	ISOPUB	histogram	BLACK VERTICAL

					marker	RECTANGLE
25AF	N	▯		ISOPUB		WHITE VERTICAL RECTANGLE
25B0	N	▰				BLACK PARALLELOGRAM
25B1	N	▱			parallelogram, open	WHITE PARALLELOGRAM
25B2	B	▲				BLACK UP-POINTING TRIANGLE
25B3	B	△	xutri	ISOAMSB	big up triangle, open	BLACK UP-POINTING TRIANGLE
25B4	B	▲	utrif	ISOPUB	up triangle, filled	BLACK UP-POINTING SMALL TRIANGLE
25B5	B	▵	utri	ISOPUB	/triangle - up triangle, open	WHITE UP-POINTING TRIANGLE
25B6	B	▶	vrtrif		(large) right triangle, filled	BLACK RIGHT-POINTING TRIANGLE
25B7	B	▷	vrtri		(large) right triangle, open, Z notation range restriction	WHITE RIGHT-POINTING TRIANGLE
25B8	B	▸	rtrif	ISOPUB	right triangle, filled	BLACK RIGHT-POINTING SMALL TRIANGLE
25B9	B	▹	rtri	ISOPUB	right triangle, open	WHITE RIGHT-POINTING SMALL TRIANGLE
25BC	B	▼			big down triangle, filled	BLACK DOWN-POINTING TRIANGLE
25BD	B	▽	xdtri	ISOAMSB	big down triangle, open	WHITE DOWN-POINTING TRIANGLE
25BE	B	▾	dtrif	ISOPUB	down triangle, filled	BLACK DOWN-POINTING SMALL TRIANGLE
25BF	B	▿	dtri	ISOPUB	down triangle, open	WHITE DOWN-POINTING SMALL TRIANGLE
25C0	B	◀	vltrif		(large) left triangle, filled	BLACK LEFT-POINTING TRIANGLE
25C1	B	◁	vltri		(large) left triangle, open, Z notation domain restriction	WHITE LEFT-POINTING TRIANGLE
25C2	B	◂	ltrif	ISOPUB	left triangle, filled	BLACK LEFT-POINTING SMALL TRIANGLE
25C3	B	◃	ltri	ISOPUB	left triangle, open	WHITE LEFT-POINTING SMALL TRIANGLE
25C4	B	◄				BLACK LEFT-POINTING POINTER
25C5	B	◅				WHITE LEFT-POINTING POINTER
25C6	N	◆	diamondf	ISOPUB		BLACK DIAMOND
25C7	N	◇				WHITE DIAMOND
25C8	N	◈				WHITE DIAMOND

						CONTAINING BLACK SMALL DIAMOND
25C9	N	◉				FISHEYE
25CA	B	◊	loz	ISOPUB	lozenge or total mark	LOZENGE
25CB	B	○		ISOAMSB	large circle	WHITE CIRCLE
25CE	N	◎				BULLSEYE
25CF	N	●	circlef	ISOPUB	circle, filled	BLACK CIRCLE
25D0..25D3	N	◐..◓				CIRCLE WITH [LEFT/RIGHT/LOWER/UPPER] HALF BLACK
25D6	N	◖				LEFT HALF BLACK CIRCLE
25D7	N	◗				RIGHT HALF BLACK CIRCLE
25E2	N	◢	lrtrif		lower right triangle, filled	BLACK LOWER RIGHT TRIANGLE
25E3	N	◣	lltrif		lower left triangle, filled	BLACK LOWER LEFT TRIANGLE
25E4	N	◤	ultrif		upper left triangle, filled	BLACK UPPER LEFT TRIANGLE
25E5	N	◥	urtrif		upper right triangle, filled	BLACK UPPER RIGHT TRIANGLE
25E6	B	◦				WHITE BULLET
25E7..25EA	N	◧..◪				SQUARE WITH [LEFT/RIGHT/UPPER/LOWER] HALF BLACK
25EB	B	◫	midb		vertical bar in box	WHITE SQUARE WITH VERTICAL BISECTING LINE
25EC	B	◬	tridot	ISOAMSB	triangle with centered dot	WHITE UP-POINTING TRIANGLE WITH DOT
25EF	N	◯	xcirc			LARGE CIRCLE
25F8	B	25F8	ultri	ISOAMSO		UPPER LEFT TRIANGLE
25F9	B	25F9	urtri	ISOAMSO		UPPER RIGHT TRIANGLE
25FA	B	25FA	lltri	ISOAMSO		LOWER LEFT TRIANGLE
25FB	B	25FB	xsqu			WHITE MEDIUM SQUARE
25FC	B	25FC	xsquf			BLACK MEDIUM SQUARE
25FD	B	25FD	vssqu			WHITE MEDIUM SMALL SQUARE
25FE	B	25FE	vssquf			BLACK MEDIUM SMALL SQUARE
25FF	B	25FF	lrtri	ISOAMSO		LOWER RIGHT TRIANGLE
2605	B	★	starf	ISOPUB	star, filled	BLACK STAR
2606	B	☆	star	ISOPUB	star, open	WHITE STAR
2609	N	☉				SUN
260C	N	☌				CONJUNCTION

2612	N	☒	cross	ISOPUB	ballot cross	BALLOT BOX WITH X
263D	N	☽				FIRST QUARTER MOON
263E	N	☾				LAST QUARTER MOON
263F	N	☿				MERCURY
2640	N	♀	female	ISOPUB	Venus	FEMALE SIGN
2641	N	♁				EARTH
2642	N	♂	male	ISOPUB	Mars	MALE SIGN
2643	N	♃				JUPITER
2644	N	♄				SATURN
2646	N	♆				NEPTUNE
2647	N	♇				PLUTO
2648	N	♈				ARIES
2649	N	♉				TAURUS
2660	N	♠	spades	ISOPUB	spades suit symbol	BLACK SPADE SUIT
2661	N	♡	hearts	ISOPUB	heart suit symbol	WHITE HEART SUIT
2662	N	♢	diams	ISOPUB	diamond suit symbol	WHITE DIAMOND SUIT
2663	N	♣	clubs	ISOPUB	club suit symbol	BLACK CLUB SUIT
2664	N	♤	spadeso		spade, white (card suit)	WHITE SPADE SUIT
2665	N	♥	heartsf		filled heart (card suit)	BLACK HEART SUIT
2666	N	♦	diamsf		filled diamond (card suit)	BLACK DIAMOND SUIT
2667	N	♧	clubso		club, white (card suit)	WHITE CLUB SUIT
2669	N	♩	sung	ISONUM	music note (sung text sign)	QUARTER NOTE
266D	N	♭	flat	ISOPUB		MUSIC FLAT SIGN
266E	N	♮	natur	ISOPUB		MUSIC NATURAL SIGN
266F	N	♯	sharp	ISOPUB		MUSIC SHARP SIGN
2680	N	2680				DIE FACE-1
2681	N	2681				DIE FACE-2
2682	N	2682				DIE FACE-3
2683	N	2683				DIE FACE-4
2684	N	2684				DIE FACE-5
2685	N	2685				DIE FACE-6
2686	N	2686				WHITE CIRCLE WITH DOT RIGHT
2687	N	2687				WHITE CIRCLE WITH TWO DOTS
2688	N	2688				BLACK CIRCLE WITH WHITE DOT RIGHT
2689	N	2689				BLACK CIRCLE WITH TWO WHITE DOTS
26AA	N	26AA				* MEDIUM WHITE CIRLE
26AB	N	26AB				* MEDIUM SMALL BLACK CIRCLE
26AC	N	26AC				* MEDIUM SMALL

						WHITE CIRCLE
26B2	N	26B2				* NEUTER
2713	N	✓	check	ISOPUB	tick	CHECK MARK
2720	N	✠	malt	ISOPUB		MALTESE CROSS
272A	N	✪				CIRCLED WHITE STAR
2736	N	✶	sext	ISOPUB		SIX POINTED BLACK STAR
2772	O	❲	lbbrk	ISOTECH	left broken bracket	LIGHT LEFT TORTOISE SHELL BRACKET ORNAMENT
2773	C	❳	rbbrk	ISOTECH	right broken bracket	LIGHT RIGHT TORTOISE SHELL BRACKET ORNAMENT
27C0	N	⟀				* THREE DIMENSIONAL ANGLE
27C1	N	⟁				* WHITE TRIANGLE CONTAINING SMALL WHITE TRIANGLE
27C2	R	⟂	perp	ISOTECH	perpendicular	PERPENDICULAR
27C3	R	⟃				* OPEN SUBSET
27C4	R	⟄				* OPEN SUPERSET
27C5	R	⟅				* LEFT S-SHAPED BAG DELIMITER
27C6	R	⟆				* RIGHT S-SHAPED BAG DELIMITER
27C7	R	⟇				* OR WITH DOT INSIDE
27C8	R	⟈	bsolsub			* REVERSE SOLIDUS PRECEDING SUBSET
27C9	R	⟉	subsol			* SUPERSET PRECEDING SOLIDUS
27CA	R					VERTICAL BAR WITH HORIZONTAL STROKE
27CB	R	⟋	diagup			MATHEMATICAL RISING DIAGONAL
27CC	L	⟌				LONG DIVISION
27CD	R	⟍	diagdown			
27CE	B	⟎				SQUARED LOGICAL AND
27CF	B	⟏				SQUARED LOGICAL OR
27D0	N	⟐	diamdot			WHITE DIAMOND WITH CENTRED DOT
27D1	B	⟑				AND WITH DOT
27D2	R	⟒				ELEMENT OF OPENING UPWARDS
27D3	R	⟓				LOWER RIGHT CORNER WITH DOT
27D4	R	⟔				UPPER LEFT CORNER WITH DOT
27D5	L	⟕				LEFT OUTER JOIN
27D6	L	⟖				RIGHT OUTER JOIN
27D7	L	⟗				FULL OUTER JOIN

27D8	L	⟘				LARGE UP TACK
27D9	L	⟙				LARGE DOWN TACK
27DA	R	⟚				LEFT AND RIGHT DOUBLE TURNSTILE
27DB	R	⟛				LEFT AND RIGHT TACK
27DC	R	⟜				LEFT MULTIMAP
27DD	R	⟝				LONG LEFT TACK
27DE	R	⟞				LONG RIGHT TACK
27DF	R	⟟				UP TACK WITH CIRCLE ABOVE
27E0	B	⟠				LOZENGE DIVIDED BY HORIZONTAL RULE
27E1	B	⟡				WHITE CONCAVE-SIDED DIAMOND
27E2	B	⟢				WHITE CONCAVE-SIDED DIAMOND WITH LEFTWARDS TICK
27E3	B	⟣				WHITE CONCAVE-SIDED DIAMOND WITH RIGHTWARDS TICK
27E4	B	⟤				WHITE SQUARE WITH LEFTWARDS TICK
27E5	B	⟥				WHITE SQUARE DIAMOND WITH RIGHTWARDS TICK
27E6	O	⟦	lobrk	ISOTECH		MATHEMATICAL LEFT WHITE SQUARE BRACKET
27E7	C	⟧	robrk	ISOTECH		MATHEMATICAL RIGHT WHITE SQUARE BRACKET
27E8	O	⟨	lang	ISOTECH		MATHEMATICAL LEFT ANGLE BRACKET
27E9	C	⟩	rang	ISOTECH		MATHEMATICAL RIGHT ANGLE BRACKET
27EA	O	⟪	Lang	ISOTECH	left angle bracket, double	MATHEMATICAL LEFT DOUBLE ANGLE BRACKET
27EB	C	⟫	Rang	ISOTECH	right angle bracket, double	MATHEMATICAL RIGHT DOUBLE ANGLE BRACKET
27EC	O	⟬	loang	ISOTECK		MATHEMATICAL LEFT WHITE TORTOISE SHELL BRACKET
27ED	C	⟭	roang	ISOTECH		MATHEMATICAL RIGHT WHITE TORTOISE SHELL BRACKET
27EE	O	⟮			lgroup	MATHEMATICAL LEFTFLATTENED

						PARENTHESIS
27EF	C	⟯			rgroup	MATHEMATICAL RIGHT FLATTENED PARENTHESIS
27F0	R	⟰				UPWARDS QUADRUPLE ARROW
27F1	R	⟱				DOWNWARDS QUADRUPLE ARROW
27F2	R	⟲				ANTICLOCKWISE GAPPED CIRCLE ARROW
27F3	R	⟳				CLOCKWISE GAPPED CIRCLE ARROW
27F4	R	⟴				RIGHT ARROW WITH CIRCLE PLUS
27F5	R	⟵	xlarr	ISOAMSA		LONG LEFTWARDS ARROW
27F6	R	⟶	xrarr	ISOAMSA		LONG RIGHTWARDS ARROW
27F7	R	⟷	xharr	ISOAMSA		LONG LEFT RIGHT ARROW
27F8	R	⟸	xlArr	ISOAMSA		LONG LEFTWARDS DOUBLE ARROW
27F9	R	⟹	xrArr	ISOAMSA		LONG RIGHTWARDS DOUBLE ARROW
27FA	R	⟺	xhArr	ISOAMSA		LONG LEFT RIGHT DOUBLE ARROW
27FB	R	⟻	xmapfrom			LONG LEFTWARDS ARROW FROM BAR
27FC	R	⟼	xmap	ISOAMSA		LONG RIGHTWARDS ARROW FROM BAR
27FD	R	⟽	xMapfrom			LONG LEFTWARDS DOUBLE ARROW FROM BAR
27FE	R	⟾	xMapto			LONG RIGHTWARDS DOUBLE ARROW FROM BAR
27FF	R	⟿	xzigrarr	ISOAMSA		LONG RIGHTWARDS ZIG-ZAG ARROW
2900	R	⤀				RIGHTWARDS TWO-HEADED ARROW WITH VERTICAL STROKE
2901	R	⤁				RIGHTWARDS TWO-HEADED ARROW WITH DOUBLE VERTICAL STROKE
2902	R	⤂	nvlArr	ISOAMSA		LEFTWARDS DOUBLE ARROW WITH VERTICAL STROKE
2903	R	⤃	nvrArr	ISOAMSA		RIGHTWARDS DOUBLE ARROW WITH VERTICAL STROKE

2904	R	⇼	nvhArr	ISOAMSA		LEFT RIGHT DOUBLE ARROW WITH VERTICAL STROKE
2905	R	↦	Map	ISOAMSA		RIGHTWARDS TWO-HEADED ARROW FROM BAR
2906	R	⇤	Mapfrom			LEFTWARDS DOUBLE ARROW FROM BAR
2907	R	⇨	Mapto			RIGHTWARDS DOUBLE ARROW FROM BAR
2908	R	↧	darrln			DOWNWARDS ARROW WITH HORIZONTAL STROKE
2909	R	↥	uarrln			UPWARDS ARROW WITH HORIZONTAL STROKE
290A	R	⟰	uAarr			UPWARDS TRIPLE ARROW
290B	R	⟱	dAarr			DOWNWARDS TRIPLE ARROW
290C	R	⇠	lbarr	ISOAMSA		LEFTWARDS DOUBLE DASH ARROW
290D	R	⇢	rbarr	ISOAMSA		RIGHTWARDS DOUBLE DASH ARROW
290E	R	⇠	lBarr	ISOAMSA		LEFTWARDS TRIPLE DASH ARROW
290F	R	⇢	rBarr	ISOAMSA		RIGHTWARDS TRIPLE DASH ARROW
2910	R	⤀	RBarr	ISOAMSA		RIGHTWARDS TWO-HEADED TRIPLE DASH ARROW
2911	R	⇢	DDotrahd	ISOAMSA		RIGHTWARDS ARROW WITH DOTTED STEM
2912	R	⤒	uarrb			UPWARDS ARROW TO BAR
2913	R	⤓	darrb			DOWNWARDS ARROW TO BAR
2914	R	⤔				RIGHTWARDS ARROW WITH TAIL WITH VERTICAL STROKE
2915	R	⤕				RIGHTWARDS ARROW WITH TAIL WITH DOUBLE VERTICAL STROKE
2916	R	⤖	Rarrtl	ISOAMSA		RIGHTWARDS TWO-HEADED ARROW WITH TAIL
2917	R	⤗				RIGHTWARDS TWO-HEADED ARROW WITH TAIL WITH VERTICAL STROKE
2918	R	⤘				RIGHTWARDS TWO-

						HEADED ARROW WITH TAIL WITH DOUBLE VERTICAL STROKE
2919	R	⤙	latail	ISOAMSA		LEFTWARDS ARROW-TAIL
291A	R	⤚	ratail	ISOAMSA		RIGHTWARDS ARROW-TAIL
291B	R	⤛	lAtail	ISOAMSA		LEFTWARDS DOUBLE ARROW-TAIL
291C	R	⤜	rAtail	ISOAMSA		RIGHTWARDS DOUBLE ARROW-TAIL
291D	R	⤝	larrfs	ISOAMSA		LEFTWARDS ARROW TO BLACK DIAMOND
291E	R	⤞	rarrfs	ISOAMSA		RIGHTWARDS ARROW TO BLACK DIAMOND
291F	R	⤟	larrbfs	ISOAMSA		LEFTWARDS ARROW FROM BAR TO BLACK DIAMOND
2920	R	⤠	rarrbfs	ISOAMSA		RIGHTWARDS ARROW FROM BAR TO BLACK DIAMOND
2921	R	⤡	nwsesarr			NORTH WEST AND SOUTH EAST ARROW
2922	R	⤢	neswsarr			NORTH EAST AND SOUTH WEST ARROW
2923	R	⤣	nwarhk	ISOAMSA		NORTH WEST ARROW WITH HOOK
2924	R	⤤	nearhk	ISOAMSA		NORTH EAST ARROW WITH HOOK
2925	R	⤥	searhk	ISOAMSA		SOUTH EAST ARROW WITH HOOK
2926	R	⤦	swarhk	ISOAMSA		SOUTH WEST ARROW WITH HOOK
2927	R	⤧	nwnear	ISOAMSA		NORTH WEST ARROW AND NORTH EAST ARROW
2928	R	⤨	nesear	ISOAMSA		NORTH EAST ARROW AND SOUTH EAST ARROW
2929	R	⤩	seswar	ISOAMSA		SOUTH EAST ARROW AND SOUTH WEST ARROW
292A	R	⤪	swnwar	ISOAMSA		SOUTH WEST ARROW AND NORTH WEST ARROW
292B	R	⤫	rdiofdi			RISING DIAGONAL CROSSING FALLING DIAGONAL
292C	R	⤬	fdiordi			FALLING DIAGONAL CROSSING RISING DIAGONAL
292D	R	⤭	seonearr			SOUTH EAST ARROW CROSSING NORTH

						EAST ARROW
292E	R	⤮	neosearr			NORTH EAST ARROW CROSSING SOUTH EAST ARROW
292F	R	⤯	fdonearr			FALLING DIAGONAL CROSSING NORTH EAST ARROW
2930	R	⤰	rdosearr			RISING DIAGONAL CROSSING SOUTH EAST ARROW
2931	R	⤱	neonwarr			NORTH EAST ARROW CROSSING NORTH WEST ARROW
2932	R	⤲	nwonearr			NORTH WEST ARROW CROSSING NORTH EAST ARROW
2933	R	⤳	rarrc	ISOAMSA		WAVE ARROW POINTING DIRECTLY RIGHT
2934	R	⤴				ARROW POINTING RIGHTWARDS THEN CURVING UPWARDS
2935	R	⤵				ARROW POINTING RIGHTWARDS THEN CURVING DOWNWARDS
2936	R	⤶	ldca	ISOAMSA		ARROW POINTING DOWNWARDS THEN CURVING LEFTWARDS
2937	R	⤷	rdca	ISOAMSA		ARROW POINTING DOWNWARDS THEN CURVING RIGHTWARDS
2938	R	⤸	cudarrl	ISOAMSA		RIGHT-SIDE ARC CLOCKWISE ARROW
2939	R	⤹	cudarrr	ISOAMSA		LEFT-SIDE ARC ANTICLOCKWISE ARROW
293A	R	⤺				TOP ARC ANTICLOCKWISE ARROW
293B	R	⤻				BOTTOM ARC ANTICLOCKWISE ARROW
293C	R	⤼	curarrm	ISOAMSA		TOP ARC CLOCKWISE ARROW WITH MINUS
293D	R	⤽	cularrp	ISOAMSA		TOP ARC ANTICLOCKWISE ARROW WITH PLUS
293E	R	⤾				LOWER RIGHT SEMICIRCULAR CLOCKWISE ARROW
293F	R	⤿				LOWER LEFT SEMICIRCULAR

						ANTICLOCKWISE ARROW
2940	R	↺	olarr	ISOAMSA		ANTICLOCKWISE CLOSED CIRCLE ARROW
2941	R	↻	orarr	ISOAMSA		CLOCKWISE CLOSED CIRCLE ARROW
2942	R	⇄	arrlrsl			RIGHTWARDS ARROW ABOVE SHORT LEFTWARDS ARROW
2943	R	⇆	arrllsr			LEFTWARDS ARROW ABOVE SHORT RIGHTWARDS ARROW
2944	R	⇄	arrsrll			SHORT RIGHTWARDS ARROW ABOVE LEFTWARDS ARROW
2945	R	⇉	rarrpl	ISOAMSA		RIGHTWARDS ARROW WITH PLUS BELOW
2946	R	⇇	larrpl	ISOAMSA		LEFTWARDS ARROW WITH PLUS BELOW
2947	R	⇻	rarrx			RIGHTWARDS ARROW THROUGH X
2948	R	↭	harrcir	ISOAMSA		LEFT RIGHT ARROW THROUGH SMALL CIRCLE
2949	R	⥉	Uarrocir	ISOAMSA		UPWARDS TWO-HEADED ARROW FROM SMALL CIRCLE
294A	R	⥊	lurdshar	ISOAMSA		LEFT BARB UP RIGHT BARB DOWN HARPOON
294B	R	⥋	ldrushar	ISOAMSA		LEFT BARB DOWN RIGHT BARB UP HARPOON
294C	R	⥌	urdlshar			UP BARB RIGHT DOWN BARB LEFT HARPOON
294D	R	⥍	uldrshar			UP BARB LEFT DOWN BARB RIGHT HARPOON
294E	R	⥎	lurushar			LEFT BARB UP RIGHT BARB UP HARPOON
294F	R	⥏	urdrshar			UP BARB RIGHT DOWN BARB RIGHT HARPOON
2950	R	⥐	ldrdshar			LEFT BARB DOWN RIGHT BARB DOWN HARPOON
2951	R	⥑	uldlshar			UP BARB LEFT DOWN BARB LEFT HARPOON
2952	R	⥒	luharb			LEFTWARDS HARPOON WITH BARB UP TO BAR
2953	R	⥓	ruharb			RIGHTWARDS

						HARPOON WITH BARB UP TO BAR
2954	R	↾	urharb			UPWARDS HARPOON WITH BARB RIGHT TO BAR
2955	R	⇂	drharb			DOWNWARDS HARPOON WITH BARB RIGHT TO BAR
2956	R	↽	ldharb			LEFTWARDS HARPOON WITH BARB DOWN TO BAR
2957	R	⇁	rdharb			RIGHTWARDS HARPOON WITH BARB DOWN TO BAR
2958	R	↿	ulharb			UPWARDS HARPOON WITH BARB LEFT TO BAR
2959	R	⇃	dlharb			DOWNWARDS HARPOON WITH BARB LEFT TO BAR
295A	R	↼	bluhar			LEFTWARDS HARPOON WITH BARB UP FROM BAR
295B	R	⇀	bruhar			RIGHTWARDS HARPOON WITH BARB UP FROM BAR
295C	R	↥	burhar			UPWARDS HARPOON WITH BARB RIGHT FROM BAR
295D	R	↧	bdrhar			DOWNWARDS HARPOON WITH BARB RIGHT FROM BAR
295E	R	⇋	bldhar			LEFTWARDS HARPOON WITH BARB DOWN FROM BAR
295F	R	⇌	brdhar			RIGHTWARDS HARPOON WITH BARB DOWN FROM BAR
2960	R	↥	bulhar			UPWARDS HARPOON WITH BARB LEFT FROM BAR
2961	R	↧	bdlhar			DOWNWARDS HARPOON WITH BARB LEFT FROM BAR
2962	R	⇐	lHar	ISOAMSA		LEFTWARDS HARPOON WITH BARB UP ABOVE LEFTWARDS HARPOON WITH BARB DOWN
2963	R	⇑	uHar	ISOAMSA		UPWARDS HARPOON WITH BARB LEFT BESIDE UPWARDS HARPOON WITH BARB

						RIGHT
2964	R	⇒	rHar	ISOAMSA		RIGHTWARDS HARPOON WITH BARB UP ABOVE RIGHTWARDS HARPOON WITH BARB DOWN
2965	R	⇓	dHar	ISOAMSA		DOWNWARDS HARPOON WITH BARB LEFT BESIDE DOWNWARDS HARPOON WITH BARB RIGHT
2966	R	⇋	luruhar	ISOAMSA		LEFTWARDS HARPOON WITH BARB UP ABOVE RIGHTWARDS HARPOON WITH BARB UP
2967	R	⇋	ldrdhar	ISOAMSA		LEFTWARDS HARPOON WITH BARB DOWN ABOVE RIGHTWARDS HARPOON WITH BARB DOWN
2968	R	⇌	ruluhar	ISOAMSA		RIGHTWARDS HARPOON WITH BARB UP ABOVE LEFTWARDS HARPOON WITH BARB UP
2969	R	⇌	rdldhar	ISOAMSA		RIGHTWARDS HARPOON WITH BARB DOWN ABOVE LEFTWARDS HARPOON WITH BARB DOWN
296A	R	⇋	lharul	ISOAMSA		LEFTWARDS HARPOON WITH BARB UP ABOVE LONG DASH
296B	R	⇌	llhard	ISOAMSA		LEFTWARDS HARPOON WITH BARB DOWN BELOW LONG DASH
296C	R	⇌	rharul	ISOAMSA		RIGHTWARDS HARPOON WITH BARB UP ABOVE LONG DASH
296D	R	⇌	lrhard	ISOAMSA		RIGHTWARDS HARPOON WITH BARB DOWN BELOW LONG DASH
296E	R	⥮	udhar	ISOAMSA		UPWARDS HARPOON WITH BARB LEFT

						BESIDE DOWNWARDS HARPOON WITH BARB RIGHT
296F	R	⥯	duhar	ISOAMSA		DOWNWARDS HARPOON WITH BARB LEFT BESIDE UPWARDS HARPOON WITH BARB RIGHT
2970	R	⥰	rimply			RIGHT DOUBLE ARROW WITH ROUNDED HEAD
2971	R	⥱	erarr	ISOAMSA		EQUALS SIGN ABOVE RIGHTWARDS ARROW
2972	R	⥲	simrarr	ISOAMSA		TILDE OPERATOR ABOVE RIGHTWARDS ARROW
2973	R	⥳	larrsim	ISOAMSA		LEFTWARDS ARROW ABOVE TILDE OPERATOR
2974	R	⥴	rarrsim	ISOAMSA		RIGHTWARDS ARROW ABOVE TILDE OPERATOR
2975	R	⥵	rarrap	ISOAMSA		RIGHTWARDS ARROW ABOVE ALMOST EQUAL TO
2976	R	⥶	ltlarr	ISOAMSR		LESS-THAN ABOVE LEFTWARDS ARROW
2977	R	⥷				LEFTWARDS ARROW THROUGH LESS-THAN
2978	R	⥸	gtrarr	ISOAMSR		GREATER-THAN ABOVE RIGHTWARDS ARROW
2979	R	⥹	subrarr	ISOAMSR		SUBSET ABOVE RIGHTWARDS ARROW
297A	R	⥺				LEFTWARDS ARROW THROUGH SUBSET
297B	R	⥻	suplarr	ISOAMSR		SUPERSET ABOVE LEFTWARDS ARROW
297C	R	⥼	lfisht	ISOAMSA		LEFT FISH TAIL
297D	R	⥽	rfisht	ISOAMSA		RIGHT FISH TAIL
297E	R	⥾	ufisht	ISOAMSA		UP FISH TAIL
297F	R	⥿	dfisht	ISOAMSA		DOWN FISH TAIL
2980	F	⦀	tverbar			TRIPLE VERTICAL BAR DELIMITER
2981	N	⦁	scirclef			Z NOTATION SPOT
2982	F	⦂				Z NOTATION TYPE COLON
2983	O	⦃	locub			LEFT WHITE CURLY BRACKET
2984	C	⦄	rocub			RIGHT WHITE CURLY

						BRACKET
2985	O	⦅	lopar	ISOTECH		LEFT WHITE PARENTHESIS
2986	C	⦆	ropar	ISOTECH		RIGHT WHITE PARENTHESIS
2987	O	⦇				Z NOTATION LEFT IMAGE BRACKET
2988	C	⦈				Z NOTATION RIGHT IMAGE BRACKET
2989	O	⦉				Z NOTATION LEFT BINDING BRACKET
298A	C	⦊				Z NOTATION RIGHT BINDING BRACKET
298B	O	⦋	lbrke	ISOAMSC		LEFT SQUARE BRACKET WITH UNDERBAR
298C	C	⦌	rbrke	ISOAMSC		RIGHT SQUARE BRACKET WITH UNDERBAR
298D	O	⦍	lbrkslu	ISOAMSC		LEFT SQUARE BRACKET WITH TICK IN TOP CORNER
298E	C	⦎	rbrksld	ISOAMSC		RIGHT SQUARE BRACKET WITH TICK IN BOTTOM CORNER
298F	O	⦏	lbrksld	ISOAMSC		LEFT SQUARE BRACKET WITH TICK IN BOTTOM CORNER
2990	C	⦐	rbrkslu	ISOAMSC		RIGHT SQUARE BRACKET WITH TICK IN TOP CORNER
2991	O	⦑	langd	ISOAMSC		LEFT ANGLE BRACKET WITH DOT
2992	C	⦒	rangd	ISOAMSC		RIGHT ANGLE BRACKET WITH DOT
2993	O	⦓	lparlt	ISOAMSC		LEFT ARC LESS-THAN BRACKET
2994	C	⦔	rpargt	ISOAMSC		RIGHT ARC GREATER-THAN BRACKET
2995	O	⦕	gtlPar	ISOAMSC		DOUBLE LEFT ARC GREATER-THAN BRACKET
2996	C	⦖	ltrPar	ISOAMSC		DOUBLE RIGHT ARC LESS-THAN BRACKET
2997	O	❨				LEFT BLACK TORTOISE SHELL BRACKET
2998	C	❩				RIGHT BLACK TORTOISE SHELL BRACKET
2999	F	⦙	vellip4			DOTTED FENCE
299A	F	⦚	vzigzag	ISOAMSO		VERTICAL ZIGZAG LINE
299B	N	⦛				MEASURED ANGLE

						OPENING LEFT
299C	N	⦜	vangrt	ISOTECH		RIGHT ANGLE VARIANT WITH SQUARE
299D	N	⦝	angrtvbd	ISOAMSO		MEASURED RIGHT ANGLE WITH DOT
299E	N	⦞	angles			ANGLE WITH S INSIDE
299F	N	⦟	angdnr			ACUTE ANGLE
29A0	N	⦠	gtlpar			SPHERICAL ANGLE OPENING LEFT
29A1	N	⦡				SPHERICAL ANGLE OPENING UP
29A2	N	⦢	angdnl			TURNED ANGLE
29A3	N	⦣	angupl			REVERSED ANGLE
29A4	N	⦤	ange	ISOAMSO		ANGLE WITH UNDERBAR
29A5	N	⦥	range	ISOAMSO		REVERSED ANGLE WITH UNDERBAR
29A6	N	⦦	dwangle	ISOTECH		OBLIQUE ANGLE OPENING UP
29A7	N	⦧	uwangle	ISOTECH		OBLIQUE ANGLE OPENING DOWN
29A8	N	⦨	angmsdaa	ISOAMSO		MEASURED ANGLE WITH OPEN ARM ENDING IN ARROW POINTING UP AND RIGHT
29A9	N	⦩	angmsdab	ISOAMSO		MEASURED ANGLE WITH OPEN ARM ENDING IN ARROW POINTING UP AND LEFT
29AA	N	⦪	angmsdac	ISOAMSO		MEASURED ANGLE WITH OPEN ARM ENDING IN ARROW POINTING DOWN AND RIGHT
29AB	N	⦫	angmsdad	ISOAMSO		MEASURED ANGLE WITH OPEN ARM ENDING IN ARROW POINTING DOWN AND LEFT
29AC	N	⦬	angmsdae	ISOAMSO		MEASURED ANGLE WITH OPEN ARM ENDING IN ARROW POINTING RIGHT AND UP
29AD	N	⦭	angmsdaf	ISOAMSO		MEASURED ANGLE WITH OPEN ARM ENDING IN ARROW POINTING LEFT AND UP
29AE	N	⦮	angmsdag	ISOAMSO		MEASURED ANGLE WITH OPEN ARM

						ENDING IN ARROW POINTING RIGHT AND DOWN
29AF	N	⦯	angmsdah	ISOAMSO		MEASURED ANGLE WITH OPEN ARM ENDING IN ARROW POINTING LEFT AND DOWN
29B0	N	⦰	bemptyv	ISOAMSO		REVERSED EMPTY SET
29B1	N	⦱	demptyv	ISOAMSO		EMPTY SET WITH OVERBAR
29B2	N	⦲	cemptyv	ISOAMSO		EMPTY SET WITH SMALL CIRCLE ABOVE
29B3	N	⦳	raemptyv	ISOAMSO		EMPTY SET WITH RIGHT ARROW ABOVE
29B4	N	⦴	laemptyv	ISOAMSO		EMPTY SET WITH LEFT ARROW ABOVE
29B5	N	⦵	ohbar	ISOAMSB		CIRCLE WITH HORIZONTAL BAR
29B6	B	⦶	omid	ISOAMSB		CIRCLED VERTICAL BAR
29B7	B	⦷	opar	ISOAMSB		CIRCLED PARALLEL
29B8	B	⦸	obsol			CIRCLED REVERSE SOLIDUS
29B9	B	⦹	operp	ISOAMSB		CIRCLED PERPENDICULAR
29BA	N	⦺				CIRCLE DIVIDED BY HORIZONTAL BAR AND TOP HALF DIVIDED BY VERTICAL BAR
29BB	N	⦻	olcross	ISOTECH		CIRCLE WITH SUPERIMPOSED X
29BC	N	⦼	odsold	ISOAMSB		CIRCLED ANTICLOCKWISE-ROTATED DIVISION SIGN
29BD	N	⦽	oxuarr			UP ARROW THROUGH CIRCLE
29BE	N	⦾	olcir	ISOAMSB		CIRCLED WHITE BULLET
29BF	N	⦿	ofcir	ISOAMSB		CIRCLED BULLET
29C0	B	⧀	olt	ISOAMSB		CIRCLED LESS-THAN
29C1	B	⧁	ogt	ISOAMSB		CIRCLED GREATER-THAN
29C2	N	⧂	cirscir	ISOAMSO		CIRCLE WITH SMALL CIRCLE TO THE RIGHT
29C3	N	⧃	cirE	ISOAMSO		CIRCLE WITH TWO HORIZONTAL STROKES TO THE

						RIGHT
29C4	B	⧄	solb	ISOAMSB		SQUARED RISING DIAGONAL SLASH
29C5	B	⧅	bsolb	ISOAMSB		SQUARED FALLING DIAGONAL SLASH
29C6	B	⧆	astb			SQUARED ASTERISK
29C7	B	⧇	cirb			SQUARED SMALL CIRCLE
29C8	B	⧈	squb			SQUARED SQUARE
29C9	N	⧉	boxbox	ISOAMSO		TWO JOINED SQUARES
29CA	N	⧊	tridoto			TRIANGLE WITH DOT ABOVE
29CB	N	⧋	tribar			TRIANGLE WITH UNDERBAR
29CC	N	⧌	triS			S IN TRIANGLE
29CD	N	⧍	trisb	ISOAMSB		TRIANGLE WITH SERIFS AT BOTTOM
29CE	R	⧎	rtriltri	ISOAMSR		RIGHT TRIANGLE ABOVE LEFT TRIANGLE
29CF	R	⧏	ltrivb			LEFT TRIANGLE BESIDE VERTICAL BAR
29D0	R	⧐	vbrtri			VERTICAL BAR BESIDE RIGHT TRIANGLE
29D1	R	⧑	lfbowtie			LEFT BLACK BOWTIE
29D2	R	⧒	rfbowtie			RIGHT BLACK BOWTIE
29D3	R	⧓	fbowtie			BLACK BOWTIE
29D4	R	⧔	lftimes			LEFT BLACK TIMES
29D5	R	⧕	rftimes			RIGHT BLACK TIMES
29D6	B	⧖	hrglass			WHITE HOURGLASS
29D7	B	⧗	fhrglass			BLACK HOURGLASS
29D8	O	⧘				LEFT WIGGLY FENCE
29D9	C	⧙				RIGHT WIGGLY FENCE
29DA	O	⧚				LEFT DOUBLE WIGGLY FENCE
29DB	C	⧛				RIGHT DOUBLE WIGGLY FENCE
29DC	N	⧜	iinfin	ISOTECH		INCOMPLETE INFINITY
29DD	N	⧝	infintie	ISOTECH		TIE OVER INFINITY
29DE	N	⧞	nvinfin	ISOTECH		INFINITY NEGATED WITH VERTICAL BAR
29DF	R	⧟	dumap			DOUBLE-ENDED MULTIMAP
29E0	N	⧠	dalembrt			SQUARE WITH CONTOURED OUTLINE
29E1	R	⧡	lrtrieq			INCREASES AS
29E2	B	⧢	shuffle			SHUFFLE PRODUCT
29E3	R	⧣	eparsl	ISOTECH		EQUALS SIGN AND SLANTED PARALLEL

29E4	R	⧤	smeparsl	ISOTECH		EQUALS SIGN AND SLANTED PARALLEL WITH TILDE ABOVE
29E5	R	⧥	eqvparsl	ISOTECH		IDENTICAL TO AND SLANTED PARALLEL
29E6	R	⧦				GLEICH STARK
29E7	N	⧧	thermod			THERMODYNAMIC
29E8	N	⧨	dtrilf			DOWN-POINTING TRIANGLE WITH LEFT HALF BLACK
29E9	N	⧩	dtrirf			DOWN-POINTING TRIANGLE WITH RIGHT HALF BLACK
29EA	N	⧪	diamdarr			BLACK DIAMOND WITH DOWN ARROW
29EB	B	⧫	lozf	ISOPUB		BLACK LOZENGE
29EC	N	⧬	cirdarr			WHITE CIRCLE WITH DOWN ARROW
29ED	N	⧭	cirfdarr			BLACK CIRCLE WITH DOWN ARROW
29EE	N	⧮	squerr			ERROR-BARRED WHITE SQUARE
29EF	N	⧯	squferr			ERROR-BARRED BLACK SQUARE
29F0	N	⧰	diamerr			ERROR-BARRED WHITE DIAMOND
29F1	N	⧱	diamerrf			ERROR-BARRED BLACK DIAMOND
29F2	N	⧲	cirerr			ERROR-BARRED WHITE CIRCLE
29F3	N	⧳	cirferr			ERROR-BARRED BLACK CIRCLE
29F4	R	⧴				RULE-DELAYED
29F5	B	⧵				REVERSE SOLIDUS OPERATOR
29F6	B	⧶	dsol	ISOTECH		SOLIDUS WITH OVERBAR
29F7	B	⧷	rsolbar			REVERSE SOLIDUS WITH HORIZONTAL STROKE
29F8	L	⧸	xsol			BIG SOLIDUS
29F9	L	⧹	xbsol			BIG REVERSE SOLIDUS
29FA	B	⧺				DOUBLE PLUS
29FB	B	⧻				TRIPLE PLUS
29FC	O	⧼				LEFT POINTING CURVED ANGLE BRACKET
29FD	C	⧽				RIGHT POINTING CURVED ANGLE BRACKET
29FE	B	⧾				TINY
29FF	B	⧿				MINY
2A00	L	⨀	xodot	ISOAMS		N-ARY CIRCLED DOT

				B		OPERATOR
2A01	L	⨁	xoplus	ISOAMSB		N-ARY CIRCLED PLUS OPERATOR
2A02	L	⨂	xotime	ISOAMSB		N-ARY CIRCLED TIMES OPERATOR
2A03	L	⨃	xcupdot			N-ARY UNION OPERATOR WITH DOT
2A04	L	⨄	xuplus	ISOAMSB		N-ARY UNION OPERATOR WITH PLUS
2A05	L	⨅	xsqcap	ISOAMSB		N-ARY SQUARE INTERSECTION OPERATOR
2A06	L	⨆	xsqcup	ISOAMSB		N-ARY SQUARE UNION OPERATOR
2A07	L	⨇	xandand			TWO LOGICAL AND OPERATOR
2A08	L	⨈	xoror			TWO LOGICAL OR OPERATOR
2A09	L	⨉	xtimes			N-ARY TIMES OPERATOR
2A0A	L	⨊				MODULO TWO SUM
2A0B	L	⨋	sumint			SUMMATION WITH INTEGRAL
2A0C	L	⨌	qint	ISOTECH		QUADRUPLE INTEGRAL OPERATOR
2A0D	L	⨍	fpartint	ISOTECH		FINITE PART INTEGRAL
2A0E	L	⨎	Barint			INTEGRAL WITH DOUBLE STROKE
2A0F	L	⨏	slint			INTEGRAL AVERAGE WITH SLASH
2A10	L	⨐	cirfnint	ISOTECH		CIRCULATION FUNCTION
2A11	L	⨑	awint	ISOTECH		ANTICLOCKWISE INTEGRATION
2A12	L	⨒	rppolint	ISOTECH		LINE INTEGRATION WITH RECTANGULAR PATH AROUND POLE
2A13	L	⨓	scpolint	ISOTECH		LINE INTEGRATION WITH SEMICIRCULAR PATH AROUND POLE
2A14	L	⨔	npolint	ISOTECH		LINE INTEGRATION NOT INCLUDING THE POLE
2A15	L	⨕	pointint	ISOTECH		INTEGRAL AROUND A POINT OPERATOR
2A16	L	⨖	quatint	ISOTECH		QUATERNION INTEGRAL OPERATOR
2A17	L	⨗	intlarhk	ISOTECH		INTEGRAL WITH LEFTWARDS ARROW WITH HOOK
2A18	L	⨘	timeint			INTEGRAL WITH TIMES SIGN

2A19	L	⨏	capint			INTEGRAL WITH INTERSECTION
2A1A	L	⨐	cupint			INTEGRAL WITH UNION
2A1B	L	⨑	upint			INTEGRAL WITH OVERBAR
2A1C	L	⨒	lowint			INTEGRAL WITH UNDERBAR
2A1D	L	⨝	Join			JOIN
2A1E	L	⨞	xltri			LARGE LEFT TRIANGLE OPERATOR
2A1F	L	⨟				Z NOTATION SCHEMA COMPOSITION
2A20	L	⨠				Z NOTATION SCHEMA PIPING
2A21	L	⨡				Z NOTATION SCHEMA PROJECTION
2A22	B	⨢	pluscir	ISOAMSB		PLUS SIGN WITH SMALL CIRCLE ABOVE
2A23	B	⨣	plusacir	ISOAMSB		PLUS SIGN WITH CIRCUMFLEX ACCENT ABOVE
2A24	B	⨤	simplus	ISOAMSB		PLUS SIGN WITH TILDE ABOVE
2A25	B	⨥	plusdu	ISOAMSB		PLUS SIGN WITH DOT BELOW
2A26	B	⨦	plussim	ISOAMSB		PLUS SIGN WITH TILDE BELOW
2A27	B	⨧	plustwo	ISOAMSB		PLUS SIGN WITH SUBSCRIPT TWO
2A28	B	⨨	plustrif			PLUS SIGN WITH BLACK TRIANGLE
2A29	B	⨩	mcomma	ISOAMSR		MINUS SIGN WITH COMMA ABOVE
2A2A	B	⨪	minusdu	ISOAMSB		MINUS SIGN WITH DOT BELOW
2A2B	B	⨫				MINUS SIGN WITH FALLING DOTS
2A2C	B	⨬				MINUS SIGN WITH RISING DOTS
2A2D	B	⨭	loplus	ISOAMSB		PLUS SIGN IN LEFT HALF CIRCLE
2A2E	B	⨮	roplus	ISOAMSB		PLUS SIGN IN RIGHT HALF CIRCLE
2A2F	B	×	htimes			VECTOR OR CROSS PRODUCT
2A30	B	⨰	timesd	ISOAMSB		MULTIPLICATION SIGN WITH DOT ABOVE
2A31	B	⨱	timesbar	ISOAMSB		MULTIPLICATION SIGN WITH UNDERBAR
2A32	B	⨲	btimes			SEMIDIRECT PRODUCT WITH BOTTOM CLOSED
2A33	B	⨳	smashp	ISOAMS		SMASH PRODUCT

				B		
2A34	B	⨴	lotimes	ISOAMSB		MULTIPLICATION SIGN IN LEFT HALF CIRCLE
2A35	B	⨵	rotimes	ISOAMSB		MULTIPLICATION SIGN IN RIGHT HALF CIRCLE
2A36	B	⨶	otimesas	ISOAMSB		CIRCLED MULTIPLICATION SIGN WITH CIRCUMFLEX ACCENT
2A37	B	⨷	Otimes	ISOAMSB		MULTIPLICATION SIGN IN DOUBLE CIRCLE
2A38	B	⨸	odiv	ISOAMSB		CIRCLED DIVISION SIGN
2A39	B	⨹	triplus	ISOAMSB		PLUS SIGN IN TRIANGLE
2A3A	B	⨺	triminus	ISOAMSB		MINUS SIGN IN TRIANGLE
2A3B	B	⨻	tritime	ISOAMSB		MULTIPLICATION SIGN IN TRIANGLE
2A3C	B	⨼	iprod	ISOAMSB		INTERIOR PRODUCT
2A3D	B	⨽	iprodr	ISOAMSB		RIGHTHAND INTERIOR PRODUCT
2A3E	B	⨾				Z NOTATION RELATIONAL COMPOSITION
2A3F	B	⨿	amalg	ISOAMSB		AMALGAMATION OR COPRODUCT
2A40	B	⩀	capdot	ISOAMSB		INTERSECTION WITH DOT
2A41	B	⩁				UNION WITH MINUS SIGN
2A42	B	⩂	ncup	ISOAMSB		UNION WITH OVERBAR
2A43	B	⩃	ncap	ISOAMSB		INTERSECTION WITH OVERBAR
2A44	B	⩄	capand	ISOAMSB		INTERSECTION WITH LOGICAL AND
2A45	B	⩅	cupor	ISOAMSB		UNION WITH LOGICAL OR
2A46	B	⩆	cupcap	ISOAMSB		UNION ABOVE INTERSECTION
2A47	B	⩇	capcup	ISOAMSB		INTERSECTION ABOVE UNION
2A48	B	⩈	cupbrcap	ISOAMSB		UNION ABOVE BAR ABOVE INTERSECTION
2A49	B	⩉	capbrcup	ISOAMSB		INTERSECTION ABOVE BAR ABOVE UNION
2A4A	B	⩊	cupcup	ISOAMSB		UNION BESIDE AND JOINED WITH UNION
2A4B	B	⩋	capcap	ISOAMSB		INTERSECTION BESIDE AND JOINED WITH INTERSECTION

2A4C	B	⩌	ccups	ISOAMSB		CLOSED UNION WITH SERIFS
2A4D	B	⩍	ccaps	ISOAMSB		CLOSED INTERSECTION WITH SERIFS
2A4E	B	⩎				DOUBLE SQUARE INTERSECTION
2A4F	B	⩏				DOUBLE SQUARE UNION
2A50	B	⩐	ccupssm	ISOAMSB		CLOSED UNION WITH SERIFS AND SMASH PRODUCT
2A51	B	⩑	anddot			LOGICAL AND WITH DOT ABOVE
2A52	B	⩒	ordot			LOGICAL OR WITH DOT ABOVE
2A53	B	⩓	And	ISOTECH		DOUBLE LOGICAL AND
2A54	B	⩔	Or	ISOTECH		DOUBLE LOGICAL OR
2A55	B	⩕	andand	ISOTECH		TWO INTERSECTING LOGICAL AND
2A56	B	⩖	oror	ISOTECH		TWO INTERSECTING LOGICAL OR
2A57	B	⩗	orslope	ISOTECH		SLOPING LARGE OR
2A58	B	⩘	andslope	ISOTECH		SLOPING LARGE AND
2A59	R	⩙				LOGICAL OR OVERLAPPING LOGICAL AND
2A5A	B	⩚	andv	ISOTECH		LOGICAL AND WITH MIDDLE STEM
2A5B	B	⩛	orv	ISOTECH		LOGICAL OR WITH MIDDLE STEM
2A5C	B	⩜	andd	ISOTECH		LOGICAL AND WITH HORIZONTAL DASH
2A5D	B	⩝	ord	ISOTECH		LOGICAL OR WITH HORIZONTAL DASH
2A5E	B	⩞	Barwed	ISOAMSB		LOGICAL AND WITH DOUBLE OVERBAR
2A5F	B	⩟	wedbar	ISOAMSB		LOGICAL AND WITH UNDERBAR
2A60	B	⩠	wedBar			LOGICAL AND WITH DOUBLE UNDERBAR
2A61	B	⩡		ISOAMSB		SMALL VEE WITH UNDERBAR
2A62	B	⩢	Barvee			LOGICAL OR WITH DOUBLE OVERBAR
2A63	B	⩣	veeBar			LOGICAL OR WITH DOUBLE UNDERBAR
2A64	B	⩤				Z NOTATION DOMAIN ANTIRESTRICTION
2A65	B	⩥				Z NOTATION RANGE

						ANTIRESTRICTION
2A66	R	⩦	sdote	ISOAMSR		EQUALS SIGN WITH DOT BELOW
2A67	R	⩧				IDENTICAL WITH DOT ABOVE
2A68	R	⩨				TRIPLE HORIZONTAL BAR WITH DOUBLE VERTICAL STROKE
2A69	R	⩩				TRIPLE HORIZONTAL BAR WITH TRIPLE VERTICAL STROKE
2A6A	R	⩪	simdot	ISOTECH		TILDE OPERATOR WITH DOT ABOVE
2A6B	R	⩫				TILDE OPERATOR WITH RISING DOTS
2A6C	R	⩬				SIMILAR MINUS SIMILAR
2A6D	R	⩭	congdot	ISOAMSR		CONGRUENT WITH DOT ABOVE
2A6E	R	⩮	easter	ISOAMSR		EQUALS WITH ASTERISK
2A6F	R	⩯	apacir	ISOTECH		ALMOST EQUAL TO WITH CIRCUMFLEX ACCENT
2A70	R	⩰	apE	ISOAMSR		APPROXIMATELY EQUAL OR EQUAL TO
2A71	B	⩱	eplus	ISOAMSB		EQUALS SIGN ABOVE PLUS SIGN
2A72	B	⩲	pluse	ISOAMSB		PLUS SIGN ABOVE EQUALS SIGN
2A73	R	⩳	Esim	ISOAMSR		EQUALS SIGN ABOVE TILDE OPERATOR
2A74	R	⩴	Colone	ISOAMSR		DOUBLE COLON EQUAL
2A75	R	⩵	eqeq			TWO CONSECUTIVE EQUALS SIGNS
2A76	R	⩶				THREE CONSECUTIVE EQUALS SIGNS
2A77	R	⩷	eDDot	ISOAMSR		EQUALS SIGN WITH TWO DOTS ABOVE AND TWO DOTS BELOW
2A78	R	⩸	equivDD	ISOAMSR		EQUIVALENT WITH FOUR DOTS ABOVE
2A79	R	⩹	ltcir	ISOAMSR		LESS-THAN WITH CIRCLE INSIDE
2A7A	R	⩺	gtcir	ISOAMSR		GREATER-THAN WITH CIRCLE INSIDE
2A7B	R	⩻	ltquest	ISOAMSR		LESS-THAN WITH QUESTION MARK ABOVE
2A7C	R	⩼	gtquest	ISOAMSR		GREATER-THAN WITH QUESTION MARK ABOVE

2A7D	R	⩽	les	ISOAMSR		LESS-THAN OR SLANTED EQUAL TO
2A7E	R	⩾	ges	ISOAMSR		GREATER-THAN OR SLANTED EQUAL TO
2A7F	R	⩿	lesdot	ISOAMSR		LESS-THAN OR SLANTED EQUAL TO WITH DOT INSIDE
2A80	R	⪀	gesdot	ISOAMSR		GREATER-THAN OR SLANTED EQUAL TO WITH DOT INSIDE
2A81	R	⪁	lesdoto	ISOAMSR		LESS-THAN OR SLANTED EQUAL TO WITH DOT ABOVE
2A82	R	⪂	gesdoto	ISOAMSR		GREATER-THAN OR SLANTED EQUAL TO WITH DOT ABOVE
2A83	R	⪃	lesdotor	ISOAMSR		LESS-THAN OR SLANTED EQUAL TO WITH DOT ABOVE RIGHT
2A84	R	⪄	gesdotol	ISOAMSR		GREATER-THAN OR SLANTED EQUAL TO WITH DOT ABOVE LEFT
2A85	R	⪅	lap	ISOAMSR		LESS-THAN OR APPROXIMATE
2A86	R	⪆	gap	ISOAMSR		GREATER-THAN OR APPROXIMATE
2A87	R	⪇	lne	ISOAMSN		LESS-THAN AND SINGLE-LINE NOT EQUAL TO
2A88	R	⪈	gne	ISOAMSN		GREATER-THAN AND SINGLE-LINE NOT EQUAL TO
2A89	R	⪉	lnap	ISOAMSN		LESS-THAN AND NOT APPROXIMATE
2A8A	R	⪊	gnap	ISOAMSN		GREATER-THAN AND NOT APPROXIMATE
2A8B	R	⪋	lEg	ISOAMSR		LESS-THAN ABOVE DOUBLE-LINE EQUAL ABOVE GREATER-THAN
2A8C	R	⪌	gEl	ISOAMSR		GREATER-THAN ABOVE DOUBLE-LINE EQUAL ABOVE LESS-THAN
2A8D	R	⪍	lsime	ISOAMSR		LESS-THAN ABOVE SIMILAR OR EQUAL
2A8E	R	⪎	gsime	ISOAMSR		GREATER-THAN ABOVE SIMILAR OR EQUAL
2A8F	R	⪏	lsimg	ISOAMSR		LESS-THAN ABOVE SIMILAR ABOVE GREATER-THAN

2A90	R	⪖	gsiml	ISOAMSR		GREATER-THAN ABOVE SIMILAR ABOVE LESS-THAN
2A91	R	⪑	lgE	ISOAMSR		LESS-THAN ABOVE GREATER-THAN ABOVE DOUBLE-LINE EQUAL
2A92	R	⪒	glE	ISOAMSR		GREATER-THAN ABOVE LESS-THAN ABOVE DOUBLE-LINE EQUAL
2A93	R	⪓	lesges	ISOAMSR		LESS-THAN ABOVE SLANTED EQUAL ABOVE GREATER-THAN ABOVE SLANTED EQUAL
2A94	R	⪔	gesles	ISOAMSR		GREATER-THAN ABOVE SLANTED EQUAL ABOVE LESS-THAN ABOVE SLANTED EQUAL
2A95	R	⩽	els	ISOAMSR		SLANTED EQUAL TO OR LESS-THAN
2A96	R	⩾	egs	ISOAMSR		SLANTED EQUAL TO OR GREATER-THAN
2A97	R	⩿	elsdot	ISOAMSR		SLANTED EQUAL TO OR LESS-THAN WITH DOT INSIDE
2A98	R	⪀	egsdot	ISOAMSR		SLANTED EQUAL TO OR GREATER-THAN WITH DOT INSIDE
2A99	R	⪙				DOUBLE-LINE EQUAL TO OR LESS-THAN
2A9A	R	⪚				DOUBLE-LINE EQUAL TO OR GREATER-THAN
2A9B	R	⪛				DOUBLE-LINE SLANTED EQUAL TO OR LESS-THAN
2A9C	R	⪜				DOUBLE-LINE SLANTED EQUAL TO OR GREATER-THAN
2A9D	R	⪝	siml	ISOAMSR		SIMILAR OR LESS-THAN
2A9E	R	⪞	simg	ISOAMSR		SIMILAR OR GREATER-THAN
2A9F	R	⪟	simlE	ISOAMSR		SIMILAR ABOVE LESS-THAN ABOVE EQUALS SIGN
2AA0	R	⪠	simgE	ISOAMSR		SIMILAR ABOVE GREATER-THAN ABOVE EQUALS SIGN
2AA1	R	⪡		ISOAMSR		DOUBLE NESTED LESS-THAN

2AA2	R	⪢		ISOAMSR		DOUBLE NESTED GREATER-THAN
2AA3	R	⪣	Ltbar			DOUBLE LESS-THAN WITH UNDERBAR
2AA4	R	⪤	glj	ISOAMSR		GREATER-THAN OVERLAPPING LESS-THAN
2AA5	R	⪥	gla	ISOAMSR		GREATER-THAN BESIDE LESS-THAN
2AA6	R	⪦	ltcc	ISOAMSR		LESS-THAN CLOSED BY CURVE
2AA7	R	⪧	gtcc	ISOAMSR		GREATER-THAN CLOSED BY CURVE
2AA8	R	⪨	lescc	ISOAMSR		LESS-THAN CLOSED BY CURVE ABOVE SLANTED EQUAL
2AA9	R	⪩	gescc	ISOAMSR		GREATER-THAN CLOSED BY CURVE ABOVE SLANTED EQUAL
2AAA	R	⪪	smt	ISOAMSR		SMALLER THAN
2AAB	R	⪫	lat	ISOAMSR		LARGER THAN
2AAC	R	⪬	smte	ISOAMSR		SMALLER THAN OR EQUAL TO
2AAD	R	⪭	late	ISOAMSR		LARGER THAN OR EQUAL TO
2AAE	R	⪮	bumpE	ISOAMSR		EQUALS SIGN WITH BUMPY ABOVE
2AAF	R	⪯	pre	ISOAMSR		PRECEDES ABOVE SINGLE-LINE EQUALS SIGN
2AB0	R	⪰	sce	ISOAMSR		SUCCEEDS ABOVE SINGLE-LINE EQUALS SIGN
2AB1	R	⪱				PRECEDES ABOVE SINGLE-LINE NOT EQUAL TO
2AB2	R	⪲				SUCCEEDS ABOVE SINGLE-LINE NOT EQUAL TO
2AB3	R	⪳	prE	ISOAMSR		PRECEDES ABOVE EQUALS SIGN
2AB4	R	⪴	scE	ISOAMSR		SUCCEEDS ABOVE EQUALS SIGN
2AB5	R	⪵	prnE	ISOAMSN		PRECEDES ABOVE NOT EQUAL TO
2AB6	R	⪶	scnE	ISOAMSN		SUCCEEDS ABOVE NOT EQUAL TO
2AB7	R	⪷	prap	ISOAMSR		PRECEDES ABOVE ALMOST EQUAL TO
2AB8	R	⪸	scap	ISOAMSR		SUCCEEDS ABOVE ALMOST EQUAL TO

2AB9	R	⪹	prnap	ISOAMSN		PRECEDES ABOVE NOT ALMOST EQUAL TO
2ABA	R	⪺	scnap	ISOAMSN		SUCCEEDS ABOVE NOT ALMOST EQUAL TO
2ABB	R	⪻	Pr	ISOAMSR		DOUBLE PRECEDES
2ABC	R	⪼	Sc	ISOAMSR		DOUBLE SUCCEEDS
2ABD	R	⪽	subdot	ISOAMSB		SUBSET WITH DOT
2ABE	R	⪾	supdot	ISOAMSB		SUPERSET WITH DOT
2ABF	R	⪿	subplus	ISOAMSR		SUBSET WITH PLUS SIGN BELOW
2AC0	R	⫀	supplus	ISOAMSR		SUPERSET WITH PLUS SIGN BELOW
2AC1	R	⫁	submult	ISOAMSR		SUBSET WITH MULTIPLICATION SIGN BELOW
2AC2	R	⫂	supmult	ISOAMSR		SUPERSET WITH MULTIPLICATION SIGN BELOW
2AC3	R	⫃	subedot	ISOAMSR		SUBSET OF OR EQUAL TO WITH DOT ABOVE
2AC4	R	⫄	supedot	ISOAMSR		SUPERSET OF OR EQUAL TO WITH DOT ABOVE
2AC5	R	⫅	subE	ISOAMSR		SUBSET OF ABOVE EQUALS SIGN
2AC6	R	⫆	supE	ISOAMSR		SUPERSET OF ABOVE EQUALS SIGN
2AC7	R	⫇	subsim	ISOAMSR		SUBSET OF ABOVE TILDE OPERATOR
2AC8	R	⫈	supsim	ISOAMSR		SUPERSET OF ABOVE TILDE OPERATOR
2AC9	R	⫉				SUBSET OF ABOVE ALMOST EQUAL TO
2ACA	R	⫊				SUPERSET OF ABOVE ALMOST EQUAL TO
2ACB	R	⫋	subnE	ISOAMSN		SUBSET OF ABOVE NOT EQUAL TO
2ACC	R	⫌	supnE	ISOAMSN		SUPERSET OF ABOVE NOT EQUAL TO
2ACD	R	⫍				SQUARE LEFT OPEN BOX OPERATOR
2ACE	R	⫎				SQUARE RIGHT OPEN BOX OPERATOR
2ACF	R	⫏	csub	ISOAMSR		CLOSED SUBSET
2AD0	R	⫐	csup	ISOAMSR		CLOSED SUPERSET
2AD1	R	⫑	csube	ISOAMS		CLOSED SUBSET OR

				R		EQUAL TO
2AD2	R	⫅	csupe	ISOAMSR		CLOSED SUPERSET OR EQUAL TO
2AD3	R	⫆	subsup	ISOAMRR		SUBSET ABOVE SUPERSET
2AD4	R	⫇	supsub	ISOAMSR		SUPERSET ABOVE SUBSET
2AD5	R	⫈	subsub	ISOAMSR		SUBSET ABOVE SUBSET
2AD6	R	⫉	supsup	ISOAMSR		SUPERSET ABOVE SUPERSET
2AD7	R	⫊	suphsub	ISOAMSR		SUPERSET BESIDE SUBSET
2AD8	R	⫋	supdsub	ISOAMSR		SUPERSET BESIDE AND JOINED BY DASH WITH SUBSET
2AD9	R	⫌	forkv	ISOAMSR		ELEMENT OF OPENING DOWNWARDS
2ADA	R	⫍	topfork	ISOAMSR		PITCHFORK WITH TEE TOP
2ADB	R	⫎	mlcp	ISOAMSR		TRANSVERSAL INTERSECTION
2ADC	R	⫏				FORKING
2ADD	R	⫐				NONFORKING
2ADE	R	⫑				SHORT LEFT TACK
2ADF	R	⫒				SHORT DOWN TACK
2AE0	R	⫓				SHORT UP TACK
2AE1	N	⫔				PERPENDICULAR WITH S
2AE2	R	⫕	vDdash			VERTICAL BAR TRIPLE RIGHT TURNSTILE
2AE3	R	⫖	dashV			DOUBLE VERTICAL BAR LEFT TURNSTILE
2AE4	R	⫗	Dashv	ISOAMSR		VERTICAL BAR DOUBLE LEFT TURNSTILE
2AE5	R	⫘				DOUBLE VERTICAL BAR DOUBLE LEFT TURNSTILE
2AE6	R	⫙	Vdashl	ISOAMSR		LONG DASH FROM LEFT MEMBER OF DOUBLE VERTICAL
2AE7	R	⫚	Barv	ISOAMSR		SHORT DOWN TACK WITH OVERBAR
2AE8	R	⫛	vBar	ISOAMSR		SHORT UP TACK WITH UNDERBAR
2AE9	R	⫝̸	vBarv	ISOAMSR		SHORT UP TACK ABOVE SHORT DOWN TACK
2AEA	R	⫝	barV			DOUBLE DOWN TACK
2AEB	R	⫝̸	Vbar	ISOAMSR		DOUBLE UP TACK
2AEC	R	⫞	Not	ISOTEC		DOUBLE STROKE NOT

				H		SIGN
2AED	R	⫮	bNot	ISOTECH		REVERSED DOUBLE STROKE NOT SIGN
2AEE	R	⫯	rnmid	ISOAMSN		DOES NOT DIVIDE WITH REVERSED NEGATION SLASH
2AEF	R	⫰	cirmid	ISOAMSA		VERTICAL LINE WITH CIRCLE ABOVE
2AF0	R	⫱	midcir	ISOAMSA		VERTICAL LINE WITH CIRCLE BELOW
2AF1	N	⫲	topcir	ISOTECH		DOWN TACK WITH CIRCLE BELOW
2AF2	R	⫳	nhpar	ISOTECH		PARALLEL WITH HORIZONTAL STROKE
2AF3	R	⫴	parsim	ISOAMSN		PARALLEL WITH TILDE OPERATOR
2AF4	B	⫵	vert3			TRIPLE VERTICAL BAR BINARY RELATION
2AF5	B	⫶				TRIPLE VERTICAL BAR WITH HORIZONTAL STROKE
2AF6	B	⫷	vellipv			TRIPLE COLON OPERATOR
2AF7	R	⫸				STACKED VERY MUCH LESS-THAN
2AF8	R	⫹				STACKED VERY MUCH GREATER-THAN
2AF9	R	⫺				DOUBLE-LINE SLANTED LESS-THAN OR EQUAL TO
2AFA	R	⫻				DOUBLE-LINE SLANTED GREATER-THAN OR EQUAL TO
2AFB	B	⫼				TRIPLE SOLIDUS BINARY RELATION
2AFC	L	⫽				LARGE TRIPLE VERTICAL BAR OPERATOR
2AFD	B	⫾	parsl	ISOTECH		DOUBLE SOLIDUS OPERATOR
2AFE	B	⫿				WHITE VERTICAL BAR
2AFF	L	⫿				N-ARY WHITE VERTICAL BAR
2B00	R	⇗				* NORTH EAST WHITE ARROW
2B01	R	⇖				* NORTH WEST WHITE ARROW
2B02	R	⇘				* SOUTH EAST WHITE ARROW
2B03	R	⇙				* SOUTH WEST WHITE ARROW
2B04	R	⇔				* LEFT RIGHT WHITE ARROW
2B05	R	⬅				* LEFTWARDS BLACK

						ARROW
2B06	R	⬆				* UPWARDS BLACK ARROW
2B07	R	⬇				* DOWNWARDS BLACK ARROW
2B08	R	⬈				* NORTH EAST BLACK ARROW
2B09	R	⬉				* NORTH WEST BLACK ARROW
2B0A	R	⬊				* SOUTH EAST BLACK ARROW
2B0B	R	⬋				* SOUTH WEST BLACK ARROW
2B0C	R	⬌				* LEFT RIGHT BLACK ARROW
2B0D	R	⬍				* UP DOWN BLACK ARROW
2B0E	R	⬎				* RIGHTWARDS ARROW WITH TIP DOWNWARDS
2B0F	R	⬏				* RIGHTWARDS ARROW WITH TIP UPWARDS
2B10	R	⬐				* LEFTWARDS ARROW WITH TIP DOWNWARDS
2B11	R	⬑				* LEFTWARDS ARROW WITH TIP UPWARDS
2B12	N	⬒	squarft?			* SQUARE WITH TOP HALF BLACK
2B13	N	⬓	squarfb?			* SQUARE WITH BOTTOM HALF BLACK
2B14	N	⬔	squarftr	ISOPUB		* SQUARE WITH UPPER RIGHT DIAGONAL HALF BLACK
2B15	N	⬕	squarfbl	ISOPUB		* SQUARE WITH LOWER LEFT DIAGONAL HALF BLACK
2B16	N	⬖	diamonfl	ISOPUB		* DIAMOND WITH LEFT HALF BLACK
2B17	N	⬗	diamonfr	ISOPUB		* DIAMOND WITH RIGHT HALF BLACK
2B18	N	⬘	diamonft	ISOPUB		* DIAMOND WITH TOP HALF BLACK
2B19	N	⬙	diamonfb	ISOPUB		* DIAMOND WITH BOTTOM HALF BLACK
2B20	N	⬠				* WHITE PENTAGON
2B21	N	⬡	benzen	ISOCHEM		* WHITE HEXAGON
2B22	N	⬢				* BLACK HEXAGON
2B23	N	⬣				* HORIZONTAL BLACK HEXAGON

2B30..2B44	R					LEFT ARROW WITH SMALL CIRCLE..RIGHTWARDS ARROW THROUGH SUPERSET
2B47..2B4C	R					REVERSE TILDE OPERATOR ABOVE RIGHTWARDS ARROW..RIGHTWARDS ARROW ABOVE REVERSE TILDE OPERATOR
3008	X	〈			(deprecated for math use)	LEFT DOUBLE ANGLE BRACKET
3009	X	〉			(deprecated for math use)	LEFT DOUBLE ANGLE BRACKET
#3014	O		lbbrk	ISOTECH	left broken bracket	LEFT TORTOISE SHELL BRACKET
#3015	C		rbbrk	ISOTECH	right broken bracket	RIGHT TORTOISE SHELL BRACKET
#3018	O		loang	ISOTECH		LEFT WHITE TORTOISE SHELL BRACKET
#3019	C		roang	ISOTECH		RIGHT WHITE TORTOISE SHELL BRACKET
301A	X				(deprecated for math use)	LEFT WHITE SQUARE BRACKET
301B	X				(deprecated for math use)	RIGHT WHITE SQUARE BRACKET
306E	N					HIRAGANA LETTER NO
FB29	X				(doesn't have cross shape)	HEBREW LETTER ALTERNATIVE PLUS SIGN
FE00	D					VARIATION SELECTOR-1
#deprecFE35						PRESENTATION FORM FOR VERTICAL LEFT PARENTHESIS
#deprecFE36						PRESENTATION FORM FOR VERTICAL RIGHT PARENTHESIS
#deprecFE37						PRESENTATION FORM FOR VERTICAL LEFT CURLY BRACKET
#deprecFE38						PRESENTATION FORM FOR VERTICAL RIGHT CURLY BRACKET
FE61-FE68	X				("small" compatibility variants of ASCII math operators)	
FF0B	X				("wide"	

					compatibility variant of ASCII math operators)	
FF1C..FF1E	X				("wide" compatibility variants of ASCII math operators)	
FF3C	X				("wide" compatibility variant of ASCII math operators)	
FF3E	X				("wide" compatibility variant of ASCII math operators)	
FF5C	X				("wide" compatibility variant of ASCII math operators)	
FF5E	X				("wide" compatibility variant of math operator)	
FFE2	X				("wide" compatibility variant of ASCII math operators)	
FFE9..FFEC	X				("wide" compatibility variants of arrows)	
1D400..1D454	A	**A**..*g*				MATHEMATICAL BOLD CAPITAL A..ITALIC SMALL G
1D455=210E	A					ITALIC SMALL H <reserved>
1D456..1D49B	A	*i*..				MATHEMATICAL ITALIC SMALL I..BOLD ITALIC SMALL Z
1D49C	A		Ascr	ISOMSCR		MATHEMATICAL SCRIPT CAPITAL A
#1D49D=212C	A		Bscr	ISOMSCR		SCRIPT CAPITAL B <reserved>
1D49E	A		Cscr	ISOMSCR		MATHEMATICAL SCRIPT CAPITAL C
1D49F	A		Dscr	ISOMSCR		MATHEMATICAL SCRIPT CAPITAL D
#1D4A0=2130	A		Escr	ISOMSCR		SCRIPT CAPITAL E <reserved>
#1D4A1=2131	A		Fscr	ISOMSCR		SCRIPT CAPITAL F <reserved>
1D4A2	A		Gscr	ISOMSCR		MATHEMATICAL SCRIPT CAPITAL G
#1D4A3=2	A		Hscr	ISOMSC		SCRIPT CAPITAL H

10B				R		<reserved>
#1D4A4=2110	A		Iscr	ISOMSCR		SCRIPT CAPITAL I <reserved>
1D4A5	A	𝒥	Jscr	ISOMSCR		MATHEMATICAL SCRIPT CAPITAL J
1D4A6	A	𝒦	Kscr	ISOMSCR		MATHEMATICAL SCRIPT CAPITAL K
#1D4A7=2112	A		Lscr	ISOMSCR		SCRIPT CAPITAL L <reserved>
#1D4A8=2133	A		Mscr	ISOMSCR		SCRIPT CAPITAL M <reserved>
1D4A9	A	𝒩	Nscr	ISOMSCR		MATHEMATICAL SCRIPT CAPITAL N
1D4AA	A	𝒪	Oscr	ISOMSCR		MATHEMATICAL SCRIPT CAPITAL O
1D4AB	A	𝒫	Pscr	ISOMSCR		MATHEMATICAL SCRIPT CAPITAL P
1D4AC	A	𝒬	Qscr	ISOMSCR		MATHEMATICAL SCRIPT CAPITAL Q
#1D4AD=211B	A		Rscr	ISOMSCR		SCRIPT CAPITAL R <reserved>
1D4AE	A	𝒮	Sscr	ISOMSCR		MATHEMATICAL SCRIPT CAPITAL S
1D4AF	A	𝒯	Tscr	ISOMSCR		MATHEMATICAL SCRIPT CAPITAL T
1D4B0	A	𝒰	Uscr	ISOMSCR		MATHEMATICAL SCRIPT CAPITAL U
1D4B1	A	𝒱	Vscr	ISOMSCR		MATHEMATICAL SCRIPT CAPITAL V
1D4B2	A	𝒲	Wscr	ISOMSCR		MATHEMATICAL SCRIPT CAPITAL W
1D4B3	A	𝒳	Xscr	ISOMSCR		MATHEMATICAL SCRIPT CAPITAL X
1D4B4	A	𝒴	Yscr	ISOMSCR		MATHEMATICAL SCRIPT CAPITAL Y
1D4B5	A	𝒵	Zscr	ISOMSCR		MATHEMATICAL SCRIPT CAPITAL Z
1D4B6	A	𝒶	ascr	ISOMSCR		MATHEMATICAL SCRIPT SMALL A
1D4B7	A	𝒷	bscr	ISOMSCR		MATHEMATICAL SCRIPT SMALL B
1D4B8	A	𝒸	cscr	ISOMSCR		MATHEMATICAL SCRIPT SMALL C
1D4B9	A	𝒹	dscr	ISOMSCR		MATHEMATICAL SCRIPT SMALL D
#1D4BA=212F	A		escr	ISOMSCR		SCRIPT SMALL E <reserved>
1D4BB	A	𝒻	fscr	ISOMSCR		MATHEMATICAL SCRIPT SMALL F
#1D4BC=210A	A		gscr	ISOMSCR		SCRIPT SMALL G <reserved>
1D4BD	A	𝒽	hscr	ISOMSCR		MATHEMATICAL SCRIPT SMALL H
1D4BE	A	𝒾	iscr	ISOMSC		MATHEMATICAL

				R		SCRIPT SMALL I
1D4BF	A	𝒿	jscr	ISOMSCR		MATHEMATICAL SCRIPT SMALL J
1D4C0	A	𝓀	kscr	ISOMSCR		MATHEMATICAL SCRIPT SMALL K
1D4C1	A	𝓁	lscr	ISOMSCR		MATHEMATICAL SCRIPT SMALL L
1D4C2	A	𝓂	mscr	ISOMSCR		MATHEMATICAL SCRIPT SMALL M
1D4C3	A	𝓃	nscr	ISOMSCR		MATHEMATICAL SCRIPT SMALL N
#1D4C4=2134	A		oscr	ISOMSCR		SCRIPT SMALL O <reserved>
1D4C5	A	𝓅	pscr	ISOMSCR		MATHEMATICAL SCRIPT SMALL P
1D4C6	A	𝓆	qscr	ISOMSCR		MATHEMATICAL SCRIPT SMALL Q
1D4C7	A	𝓇	rscr	ISOMSCR		MATHEMATICAL SCRIPT SMALL R
1D4C8	A	𝓈	sscr	ISOMSCR		MATHEMATICAL SCRIPT SMALL S
1D4C9	A	𝓉	tscr	ISOMSCR		MATHEMATICAL SCRIPT SMALL T
1D4CA	A	𝓊	uscr	ISOMSCR		MATHEMATICAL SCRIPT SMALL U
1D4CB	A	𝓋	vscr	ISOMSCR		MATHEMATICAL SCRIPT SMALL V
1D4CC	A	𝓌	wscr	ISOMSCR		MATHEMATICAL SCRIPT SMALL W
1D4CD	A	𝓍	xscr	ISOMSCR		MATHEMATICAL SCRIPT SMALL X
1D4CE	A	𝓎	yscr	ISOMSCR		MATHEMATICAL SCRIPT SMALL Y
1D4CF	A	𝓏	zscr	ISOMSCR		MATHEMATICAL SCRIPT SMALL Z
1D4D0..1D503	A	𝒜..𝒵				MATHEMATICAL BOLD SCRIPT CAPITAL A..SMALL Z
1D504	A	𝔄	Afr	ISOMFRK		MATHEMATICAL FRAKTUR CAPITAL A
1D505	A	𝔅	Bfr	ISOMFRK		MATHEMATICAL FRAKTUR CAPITAL B
#1D506=212D	A		Cfr	ISOMFRK		FRAKTUR CAPITAL C <reserved>
1D507	A	𝔇	Dfr	ISOMFRK		MATHEMATICAL FRAKTUR CAPITAL D
1D508	A	𝔈	Efr	ISOMFRK		MATHEMATICAL FRAKTUR CAPITAL E
1D509	A	𝔉	Ffr	ISOMFRK		MATHEMATICAL FRAKTUR CAPITAL F
1D50A	A	𝔊	Gfr	ISOMFRK		MATHEMATICAL FRAKTUR CAPITAL G
#1D50B=210C	A		Hfr	ISOMFRK		FRAKTUR CAPITAL H <reserved>

#1D50C=2111	A		Ifr	ISOMFRK		FRAKTUR CAPITAL I <reserved>
1D50D	A	𝔍	Jfr	ISOMFRK		MATHEMATICAL FRAKTUR CAPITAL J
1D50E	A	𝔎	Kfr	ISOMFRK		MATHEMATICAL FRAKTUR CAPITAL K
1D50F	A	𝔏	Lfr	ISOMFRK		MATHEMATICAL FRAKTUR CAPITAL L
1D510	A	𝔐	Mfr	ISOMFRK		MATHEMATICAL FRAKTUR CAPITAL M
1D511	A	𝔑	Nfr	ISOMFRK		MATHEMATICAL FRAKTUR CAPITAL N
1D512	A	𝔒	Ofr	ISOMFRK		MATHEMATICAL FRAKTUR CAPITAL O
1D513	A	𝔓	Pfr	ISOMFRK		MATHEMATICAL FRAKTUR CAPITAL P
1D514	A	𝔔	Qfr	ISOMFRK		MATHEMATICAL FRAKTUR CAPITAL Q
#1D515=211C	A		Rfr	ISOMFRK		FRAKTUR CAPITAL R <reserved>
1D516	A	𝔖	Sfr	ISOMFRK		MATHEMATICAL FRAKTUR CAPITAL S
1D517	A	𝔗	Tfr	ISOMFRK		MATHEMATICAL FRAKTUR CAPITAL T
1D518	A	𝔘	Ufr	ISOMFRK		MATHEMATICAL FRAKTUR CAPITAL U
1D519	A	𝔙	Vfr	ISOMFRK		MATHEMATICAL FRAKTUR CAPITAL V
1D51A	A	𝔚	Wfr	ISOMFRK		MATHEMATICAL FRAKTUR CAPITAL W
1D51B	A	𝔛	Xfr	ISOMFRK		MATHEMATICAL FRAKTUR CAPITAL X
1D51C	A	𝔜	Yfr	ISOMFRK		MATHEMATICAL FRAKTUR CAPITAL Y
#1D51D=2128	A		Zfr	ISOMFRK		FRAKTUR CAPITAL Z <reserved>
1D51E	A	𝔞	afr	ISOMFRK		MATHEMATICAL FRAKTUR SMALL A
1D51F	A	𝔟	bfr	ISOMFRK		MATHEMATICAL FRAKTUR SMALL B
1D520	A	𝔠	cfr	ISOMFRK		MATHEMATICAL FRAKTUR SMALL C
1D521	A	𝔡	dfr	ISOMFRK		MATHEMATICAL FRAKTUR SMALL D
1D522	A	𝔢	efr	ISOMFRK		MATHEMATICAL FRAKTUR SMALL E
1D523	A	𝔣	ffr	ISOMFRK		MATHEMATICAL FRAKTUR SMALL F
1D524	A	𝔤	gfr	ISOMFRK		MATHEMATICAL FRAKTUR SMALL G
1D525	A	𝔥	hfr	ISOMFRK		MATHEMATICAL FRAKTUR SMALL H
1D526	A	𝔦	ifr	ISOMFRK		MATHEMATICAL FRAKTUR SMALL I

1D527	A	𝔧	jfr	ISOMFRK		MATHEMATICAL FRAKTUR SMALL J
1D528	A	𝔨	kfr	ISOMFRK		MATHEMATICAL FRAKTUR SMALL K
1D529	A	𝔩	lfr	ISOMFRK		MATHEMATICAL FRAKTUR SMALL L
1D52A	A	𝔪	mfr	ISOMFRK		MATHEMATICAL FRAKTUR SMALL M
1D52B	A	𝔫	nfr	ISOMFRK		MATHEMATICAL FRAKTUR SMALL N
1D52C	A	𝔬	ofr	ISOMFRK		MATHEMATICAL FRAKTUR SMALL O
1D52D	A	𝔭	pfr	ISOMFRK		MATHEMATICAL FRAKTUR SMALL P
1D52E	A	𝔮	qfr	ISOMFRK		MATHEMATICAL FRAKTUR SMALL Q
1D52F	A	𝔯	rfr	ISOMFRK		MATHEMATICAL FRAKTUR SMALL R
1D530	A	𝔰	sfr	ISOMFRK		MATHEMATICAL FRAKTUR SMALL S
1D531	A	𝔱	tfr	ISOMFRK		MATHEMATICAL FRAKTUR SMALL T
1D532	A	𝔲	ufr	ISOMFRK		MATHEMATICAL FRAKTUR SMALL U
1D533	A	𝔳	vfr	ISOMFRK		MATHEMATICAL FRAKTUR SMALL V
1D534	A	𝔴	wfr	ISOMFRK		MATHEMATICAL FRAKTUR SMALL W
1D535	A	𝔵	xfr	ISOMFRK		MATHEMATICAL FRAKTUR SMALL X
1D536	A	𝔶	yfr	ISOMFRK		MATHEMATICAL FRAKTUR SMALL Y
1D537	A	𝔷	zfr	ISOMFRK		MATHEMATICAL FRAKTUR SMALL Z
1D538	A	𝔸	Aopf	ISOMOPF		MATHEMATICAL DOUBLE-STRUCK CAPITAL A
1D539	A	𝔹	Bopf	ISOMOPF		MATHEMATICAL DOUBLE-STRUCK CAPITAL B
#1D53A=2102	A		Copf	ISOMOPF		DOUBLE-STRUCK CAPITAL C <reserved>
1D53B	A	𝔻	Dopf	ISOMOPF		MATHEMATICAL DOUBLE-STRUCK CAPITAL D
1D53C	A	𝔼	Eopf	ISOMOPF		MATHEMATICAL DOUBLE-STRUCK CAPITAL E
1D53D	A	𝔽	Fopf	ISOMOPF		MATHEMATICAL DOUBLE-STRUCK CAPITAL F
1D53E	A	𝔾	Gopf	ISOMOPF		MATHEMATICAL DOUBLE-STRUCK

						CAPITAL G
#1D53F=210D	A		Hopf	ISOMOPF		DOUBLE-STRUCK CAPITAL H <reserved>
1D540	A	𝕀	Iopf	ISOMOPF		MATHEMATICAL DOUBLE-STRUCK CAPITAL I
1D541	A	𝕁	Jopf	ISOMOPF		MATHEMATICAL DOUBLE-STRUCK CAPITAL J
1D542	A	𝕂	Kopf	ISOMOPF		MATHEMATICAL DOUBLE-STRUCK CAPITAL K
1D543	A	𝕃	Lopf	ISOMOPF		MATHEMATICAL DOUBLE-STRUCK CAPITAL L
1D544	A	𝕄	Mopf	ISOMOPF		MATHEMATICAL DOUBLE-STRUCK CAPITAL M
#1D545=2115	A		Nopf	ISOMOPF		MATHEMATICAL DOUBLE-STRUCK CAPITAL N <reserved>
1D546	A	𝕆	Oopf	ISOMOPF		MATHEMATICAL DOUBLE-STRUCK CAPITAL O
#1D547=2119	A		Popf	ISOMOPF		MATHEMATICAL DOUBLE-STRUCK CAPITAL P <reserved>
#1D548=211A	A		Qopf	ISOMOPF		MATHEMATICAL DOUBLE-STRUCK CAPITAL Q <reserved>
#1D549=211D	A		Ropf	ISOMOPF		MATHEMATICAL DOUBLE-STRUCK CAPITAL R <reserved>
1D54A	A	𝕊	Sopf	ISOMOPF		MATHEMATICAL DOUBLE-STRUCK CAPITAL S
1D54B	A	𝕋	Topf	ISOMOPF		MATHEMATICAL DOUBLE-STRUCK CAPITAL T
1D54C	A	𝕌	Uopf	ISOMOPF		MATHEMATICAL DOUBLE-STRUCK CAPITAL U
1D54D	A	𝕍	Vopf	ISOMOPF		MATHEMATICAL DOUBLE-STRUCK CAPITAL V
1D54E	A	𝕎	Wopf	ISOMOPF		MATHEMATICAL DOUBLE-STRUCK CAPITAL W
1D54F	A	𝕏	Xopf	ISOMO		MATHEMATICAL

				PF		DOUBLE-STRUCK CAPITAL X
1D550	A	𝕐	Yopf	ISOMO PF		MATHEMATICAL DOUBLE-STRUCK CAPITAL Y
#1D551=2124	A		Zopf	ISOMO PF		MATHEMATICAL DOUBLE-STRUCK CAPITAL Z <reserved>
1D552	A	𝕒	aopf			MATHEMATICAL DOUBLE-STRUCK SMALL A..SMALL Z
1D553	A	𝕓	bopf			MATHEMATICAL DOUBLE-STRUCK SMALL B
1D554	A	𝕔	copf			MATHEMATICAL DOUBLE-STRUCK SMALL C
1D555	A	𝕕	dopf			MATHEMATICAL DOUBLE-STRUCK SMALL D
1D556	A	𝕖	eopf			MATHEMATICAL DOUBLE-STRUCK SMALL E
1D557	A	𝕗	fopf			MATHEMATICAL DOUBLE-STRUCK SMALL F
1D558	A	𝕘	gopf			MATHEMATICAL DOUBLE-STRUCK SMALL G
1D559	A	𝕙	hopf			MATHEMATICAL DOUBLE-STRUCK SMALL H
1D55A	A	𝕚	iopf			MATHEMATICAL DOUBLE-STRUCK SMALL I
1D55B	A	𝕛	jopf			MATHEMATICAL DOUBLE-STRUCK SMALL J
1D55C	A	𝕜	kopf			MATHEMATICAL DOUBLE-STRUCK SMALL K
1D55D	A	𝕝	lopf			MATHEMATICAL DOUBLE-STRUCK SMALL L
1D55E	A	𝕞	mopf			MATHEMATICAL DOUBLE-STRUCK SMALL M
1D55F	A	𝕟	nopf			MATHEMATICAL DOUBLE-STRUCK SMALL N
1D560	A	𝕠	oopf			MATHEMATICAL DOUBLE-STRUCK SMALL O

1D561	A	𝕡	popf			MATHEMATICAL DOUBLE-STRUCK SMALL P
1D562	A	𝕢	qopf			MATHEMATICAL DOUBLE-STRUCK SMALL Q
1D563	A	𝕣	ropf			MATHEMATICAL DOUBLE-STRUCK SMALL R
1D564	A	𝕤	sopf			MATHEMATICAL DOUBLE-STRUCK SMALL S
1D565	A	𝕥	topf			MATHEMATICAL DOUBLE-STRUCK SMALL T
1D566	A	𝕦	uopf			MATHEMATICAL DOUBLE-STRUCK SMALL U
1D567	A	𝕧	vopf			MATHEMATICAL DOUBLE-STRUCK SMALL V
1D568	A	𝕨	wopf			MATHEMATICAL DOUBLE-STRUCK SMALL W
1D569	A	𝕩	xopf			MATHEMATICAL DOUBLE-STRUCK SMALL X
1D56A	A	𝕪	yopf			MATHEMATICAL DOUBLE-STRUCK SMALL Y
1D56B	A	𝕫	zopf			MATHEMATICAL DOUBLE-STRUCK SMALL Z
1D56C..1D6A5	A					MATHEMATICAL BOLD FRAKTUR CAPITAL A..MONOSPACE SMALL Z
1D6A4	A	𝚤		ISOAMSO		* MATHEMATICAL ITALIC DOTLESS I
1D6A5	A	𝚥		ISOAMSO		* MATHEMATICAL ITALIC DOTLESS J
1D6A8..1D7C9	A					MATHEMATICAL BOLD CAPITAL ALPHA..SANS-SERIF BOLD ITALIC PI SYMBOL
1D7CA	A		b.Gammad	ISOGRK4		* MATHEMATICAL BOLD CAPITAL DIGAMMA
1D7CB	A		b.gammad	ISOGRK4		* MATHEMATICAL BOLD SMALL DIGAMMA
1D7CE..1D7FF	N					MATHEMATICAL BOLD DIGIT 0..MONOSPACE

						DIGIT 9